GEL | Engineering LLC

BASELINE SITE ASSESSMENT REPORT

LIBERTY STEEL PROPERTY
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP



SUBMITTED TO

Brownfield Program
Bureau of Land and Waste Management
South Carolina Department of Environmental Services
2600 Bull Street
Columbia, SC 29201

PREPARED BY

GEL Engineering, LLC

2040 Savage Road
Charleston, SC 29407

August 14, 2026 | GEL PROJECT NO. RVDE00226

BASELINE SITE ASSESSMENT REPORT

LIBERTY STEEL PROPERTY
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

TABLE OF CONTENTS

Section	Subject	Page
Executive Summary		1
1.0	INTRODUCTION	5
1.1	Site Description and Layout	5
1.2	Environmental Assessment and Conditions	6
2.0	SITE ASSESSMENT ACTIVITIES	11
2.1	Assess Waste Materials and Segregated Sources	11
2.2	Well Survey	12
2.3	Soil Quality Assessment	12
2.4	Groundwater Quality Assessment	13
2.5	Surface Water, Sediment, and Pore Water Assessment	15
2.6	Quality Assurance/Quality Control Procedures and Reviews	15
2.7	Investigation-Derived Waste	15
3.0	DISCUSSION OF RESULTS	15
3.1	Soil Assessment Results	16
3.2	Groundwater Flow Determination	19
3.3	Groundwater Assessment Results	19
3.4	Surface Water, Sediment, and Pore Water Assessment Results	23
3.5	QA/QC Analysis Results	24
4.0	SUMMARY OF RESULTS	25
5.0	RECOMMENDATIONS	28

TABLE OF CONTENTS

(Continued)

FIGURES

1 Site Location Map
2 Detailed Site Map
3 Map of Areas of Concern and RECs
4 Well Survey Map
5 Soil Sample Locations with Constituents Exceeding Screening Levels – Map 1
6 Soil Sample Locations with Constituents Exceeding Screening Levels – Map 2
7 Groundwater Sample Locations with Constituents Exceeding Screening Levels
8 Detailed Groundwater Sample Locations with Constituents Exceeding Screening Levels
9 Surface Water Sample Locations with Constituents Exceeding Screening Levels
10 Sediment Sample Locations with Constituents Exceeding Screening Levels
11 Pore Water Sample Locations with Constituents Exceeding Screening Levels
12 Groundwater Potentiometric Map

TABLES

1 Summary of Samples and Analytical Parameters
2 Summary of Constituents Detected in Soil Samples
3 Summary of Well Construction and Groundwater Elevation Data
4 Summary of Constituents Detected in Groundwater Samples
5 Summary of Constituents Detected in Surface Water Samples
6 Summary of Constituents Detected in Sediment Samples
7 Summary of Constituents Detected in Pore Water Samples

APPENDICES

I Soil Boring Logs
II Monitoring Well Installation Logs, Well Records and Groundwater Sample Field Data Sheets
III Laboratory Certificates of Analysis and Chain of Custody Records – Soil and Sediment
IV Laboratory Certificates of Analysis and Chain of Custody Records – Groundwater, Surface Water, and Porewater
V Laboratory Data Validation Reports

SIGNATURE PAGE

This document, entitled "Baseline Site Assessment Report," has been prepared by GEL Engineering, LLC (GEL) for the Liberty Steel Property, located in Georgetown, Georgetown County, South Carolina. The report is a requirement of Voluntary Cleanup Contract 25-8848-NRP. It has been prepared in accordance with accepted quality control practices and has been reviewed by the undersigned.

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.

Reggie C. Reeves
Senior Project Manager

Thomas R. Putney, P.G.
Senior Project Manager
SC License #2272

THOMAS R. PUTNEY REGISTERED No. 2272 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

Robert MacPhee
Principal

August 14, 2026
Date

EXECUTIVE SUMMARY

The South Carolina Department of Environmental Services (SCDES) and Liberty River, LLC (Liberty) entered into Voluntary Cleanup Contract (VCC) 25-8848-NRP (non-responsible party) for the Liberty Steel property (Property) which includes approximately 66 acres located at 1227 Front Street, Georgetown, Georgetown County, South Carolina (Property). GEL Engineering, LLC (GEL) prepared *Voluntary Cleanup Baseline Site Assessment Work Plan -Revision 1* (Work Plan), dated March 2, 2026, that outlined investigation activities designed to evaluate environmental conditions at the Property. The South Carolina Department of Environmental Services (SCDES) approved the work plan on March 11, 2026.

GEL conducted the Baseline Site Assessment from March to June 2026. The assessment included the collection of surface and subsurface soil samples from 48 locations; collection of 37 groundwater samples from newly installed temporary and permanent monitoring wells and existing monitoring wells; collection of six surface water samples; collection of three sediment samples; and collection of four pore water samples. The samples were analyzed for the parameters specified in the Work Plan.

The following sections summarize the analytical results for soil, groundwater, surface water, sediment, and pore water at the Property.

Soil

- Metals including hexavalent chromium, aluminum, antimony, arsenic, barium, cadmium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, thallium, vanadium and zinc were detected at concentrations exceeding applicable residential RSLs in one or more soil samples throughout the Property. Only arsenic, cadmium, iron, lead, manganese, thallium and vanadium were detected at concentrations exceeding RSLs for industrial soils.
- Although background concentrations of the detected metals have been identified in the South Carolina Coastal Plain soil, the metal concentrations in soil are present at concentrations exceeding the upper range of background metal concentrations, suggesting that soils have been impacted by site activities.
- Several SVOCs were detected at concentrations exceeding residential RSLs across the Property; however, none of the concentrations exceed industrial RSLs
- One VOC, methylcyclohexane, was detected at a concentration exceeding its residential and industrial RSLs. The sample (LS-SB-27-4.0) was collected near the former Riverside Oil Company building.

- The PCBs Aroclor 1242 and Aroclor 1254 were detected at concentrations exceeding their respective residential soil RSLs in one sample (LS-SB-25-3.0) from near the WWTP.
- Cyanide and pesticides did not exceed screening levels in any of the soil samples

Groundwater

- Groundwater generally flows to the east and southeast toward the Sampit River.
- Metals including hexavalent chromium, aluminum, antimony, arsenic, chromium, cobalt, iron, lead, manganese, nickel, selenium, vanadium and zinc were detected at concentrations exceeding applicable tapwater RSLs in one or more unfiltered groundwater samples. Only antimony, arsenic, chromium, and selenium exceeded their respective MCLs.
- Dissolved hexavalent chromium, aluminum, antimony, arsenic, cobalt, iron, lead, manganese, selenium, silver, and vanadium were detected at concentrations exceeding applicable MCLs or tapwater RSLs in one or more filtered groundwater samples, indicating that metals results are not strictly related to sample turbidity.
- The SVOCs 2-methylnaphthalene, benzo(a)anthracene, bis(2-Ethylhexyl)phthalate, and naphthalene were detected in two or more groundwater samples at concentrations exceeding MCLs or tapwater RSLs. Only bis(2-Ethylhexyl)phthalate exceeded it's respective MCL. The exceedances were in temporary
- well TW-10 near the fuel oil ASTs and existing wells MW-20, MW-23 and CA-3 near the coil compactor area.
- The only VOCs detected in groundwater were chlorinated compounds including 1,1-DCA, 1,1-DCE, 1,2-DCA, cis-1,2-DCE, MC, PCE, TCE, and VC. The detected concentration of 1,1-DCA exceeded its tapwater RSL only. Concentrations exceed MCLs or tapwater RSLs only in existing wells MW-23 and CA-3 near the coil compactor area. No VOCs were detected in the deep well (LS-MW-28D) installed for this assessment located near existing well MW-23.
- PFAS compounds, PFPrOPrA, PFDA, PFHxS, PFOS, and PFOA, exceed their respective tapwater RSLs or MCLs in one or more groundwater samples from all of the wells analyzed for PFAS (LW-MW-17, LS-MW-19, LS-MW-20, LS-MW-24, and LS-MW-27). PFOS and PFOA were also detected in the plant water supply at levels exceeding MCLs.

Surface Water

- Total antimony (LS-SW-02, LS-SW-03, LS-SW-04) and total lead (LS-SW-01, LS-SW-04, LS-SW-05) in the surface water samples exceed their respective MCLs or water and organism screening level. Dissolved antimony and lead in field filtered samples did not exceed

screening levels indicating that the total results were partially the result of sample turbidity and not reflective of surface water quality.

- Total and dissolved mercury in samples LS-SW-02, LS-SW-03, and LS-SW-04 exceeded the "water and organism" and "organism only" screening levels.
- VC slightly exceeded the MCL in sample LS-SW-04 which is located downgradient of the coil compactor area.

Sediment

- Antimony, arsenic, cadmium, chromium, copper, lead, mercury, nickel, and zinc were detected at concentrations exceeding their respective ESVs in sediment sample LS-SD-01 and its field duplicate. Chromium, copper, and zinc also exceed ESVs in samples LS-SD-02 and LS-SD-03, and nickel also exceeds its ESV in LS-SD-02.
- The SVOCs, benzo(a)anthracene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, chrysene, fluoranthene, phenanthrene, and pyrene exceed their respective ESVs in sediment sample LS-SD-01 and its field duplicate.

Porewater

- Hexavalent chromium, aluminum, antimony, arsenic, beryllium, cadmium, chromium, cobalt, iron, lead, manganese, mercury, vanadium, and zinc were detected in one or more filtered and/or unfiltered pore water samples, at concentrations exceeding tapwater RSLs, MCLs or surface water screening levels. The majority of the exceedances were in unfiltered samples suggesting that the metals results were largely the result of sample turbidity.
- Concentrations in filtered samples (dissolved metals) exceeded screening levels for hexavalent chromium, antimony, arsenic, beryllium, cobalt, iron, manganese, and vanadium in one or more pore water samples.
- The PAHs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding applicable tapwater RSLs, MCLs, or surface water screening levels in one sample (LS-PW-04).
- VOCs were not detected at concentrations exceeding screening levels in pore water.
- Several PFAS compounds were detected in the four pore water samples and one field duplicate collected at the Property. PFDA, PFHxS, PFOS, and PFOA were detected at concentrations exceeding tapwater RSLs or MCLs in one or more of the porewater samples. Only PFHxS, PFOS, and PFOA exceeded their respective MCL in each of the porewater samples collected.

The data from this investigation indicate that constituents of potential concern, including metals, SVOCs, VOCs and PFAS compounds are present at the Property in soil, groundwater, sediment, surface water and pore water at concentrations exceeding applicable screening levels. It is recommended that a Media Management Plan be prepared for SCDES approval to limit the exposure to impacted media which may be encountered during proposed redevelopment activities.

Additionally, the current owner, Liberty Steel is removing all structures on the Property down to the concrete slabs. During site redevelopment activities by Liberty, the remaining concrete slabs will be removed. At that time, GEL will prepare a subslab soil assessment work plan for SCDES review and approval.

1.0 INTRODUCTION

The South Carolina Department of Environmental Services (SCDES) and Liberty River, LLC (Liberty) entered into Voluntary Cleanup Contract (VCC) 25-8848-NRP (non-responsible party) for the Liberty Steel property (Property) located at 1227 Front Street, Georgetown, Georgetown County, South Carolina. The Property includes approximately 66 acres identified by Georgetown County Tax Map Serial Numbers 05-0025-059-03-00 (0.42 acres), 05-0028-022-00-00 (1.5 acres), 05-0028-023-01-00 (8.43), 05-0028-022-01-00 (0.51 acres), 01-0439-003-01-00 (7.5 acres), 05-0025-048-00-00 (0.45 acres), 05-0026A-001-00-00 (35.9 acres), 05-0026A-002-00-00 (9.1 acres), 05-0025-053-00-00 (0.22 acres), 05-0025-052- 00-00 (0.25 acres), 05-0025-057-00-00 (1.0 acre), and 05-0025-047-00-00 (0.5 acres). The location of the Property is shown on **Figure 1**, and a detailed site map is included as **Figure 2**.

GEL Engineering, LLC (GEL) prepared *Voluntary Cleanup Baseline Site Assessment Work Plan - Revision 1* (Work Plan), dated March 2, 2026, that outlined investigation activities designed to evaluate environmental conditions at the Property, thereby fulfilling the requirements of the VCC. SCDES approved the work plan as written in a letter dated March 11, 2026. This *Baseline Site Assessment Report* presents the results and evaluations of the activities conducted during the assessment.

1.1 Site Description and Layout

The Property is developed with an electric arc furnace (EAF) steelmaking plant that manufactured wire rod in coils. The plant is currently idled and the bag house and melt shop have been demolished by Liberty Steel. Liberty Steel intends to demolish all of the remaining structures. The major production equipment includes two alternating current EAFs, two ladle metallurgy stations, pre-heat furnace, casting machine, reheat furnace, and wire rolling mill. Support facilities include the rolling mill, casting area, melt shop, drum storage, offices, baghouse, receiving warehouse, guard shack, office trailer, maintenance shops, coil compacting area, mobile equipment shop, warehouse (also used to produce wire mesh), wastewater treatment plant (WWTP), mold repair shop, utility building, exterior storage areas, and dock (owned by Georgetown County). The northeast portion of the Property is the location of the former Direct-Reduced Iron (DRI) plant, which was removed in 2020-2021.

The area between the main mill and dock were used to store scrap metals, slag, mill scale, and other materials, and the southernmost parcels were used to store various materials including wire soils, slag and other unknown piles. Several rail spurs are located on the Property.

The Property was historically part of the Serenity Rice Plantation dating back to 1710 and operated until after the Civil War. Atlantic Coast Lumber operated a large lumber mill on the Property until the Great Depression. Prior to development of the steel mill, other site operators include Georgetown Chemical Works, a portion of American Cyanamid, Standard Oil Company, Riverside Oil Company, Georgetown Veneer, and Georgetown Plywood.

1.2 Environmental Assessment and Conditions

A Phase I Environmental Site Assessment (ESA) was conducted by GEL with a report dated April 25, 2025. The following recognized environmental conditions (RECs) were identified at the locations shown in **Figure 3** during the completion of the ESA:

- The historic uses of the Property as a steel mill, Atlantic Coast Lumber, Georgetown Chemical Works, a portion of American Cyanamid, Standard Oil Company, Riverside Oil Company, Georgetown Veneer, and Georgetown Plywood are considered RECs based on the potential to impact site soils and/or groundwater.

- The Property operated as a steel mill under various entities, including Georgetown Steel, ArcelorMittal, and most recently, Liberty Steel. These operations used a variety of chemicals and generated multiple waste streams. During years of site operations, multiple spills and releases have occurred. It is likely that prior to implementation of current environmental regulations, similar spills and releases occurred that were not contained using present-day requirements. The use of chemicals and generation of waste is considered a REC.

- Several offsite facilities are considered RECs based on their likely or known use of chemicals of concern, including:
    - Two dry cleaners along S. Fraser Street,
    - Two former facilities with gas tanks along S. Fraser Street,
    - Four former filling stations along Front Street, and
    - Four auto service facilities along S. Fraser Street.
    - American Cyanamid, which was partially located on the southeast portion of the Property. The area is now occupied by USALCO and its alum ponds.

- A release of hydraulic oil has occurred in the coil compacting area. Prior soil and groundwater assessments have identified petroleum, chlorinated solvents, and hydraulic

oil in this area. The source area of the petroleum and chlorinated solvents is unknown, but may be a result of an offsite source along S. Fraser Street and/or former onsite operations. Two belt skimmers are currently in operation to remove free-product hydraulic oil in this area. The hydraulic release and ongoing remediation is considered a REC.

- The chlorinated solvents identified in the coil compacting area in 2012 have not been fully assessed. The observed concentrations near the hydraulic oil release area are well above South Carolina Maximum Contaminant Levels (MCLs) for groundwater. Additionally, the 2012 assessment identified chlorinated solvents in manholes that were sampled and may be discharging to the WWTP and/or Sampit River. The presence of chlorinated solvents in site soils and groundwater is considered a REC.

- The facility is developed with a WWTP that receives process water and stormwater from the facility. At one point the WWTP was closed-out with SCDES approval, but was re-opened after Liberty Steel purchased the site in 2017. During WWTP closure, a crack was observed in the sludge drying bed, which could result in a release of wastewater into the underlying soil and groundwater. Additionally, process water and wastes are directed to the WWTP via underground drains, piping, and trenches. Sludges from the WWTP are stored onsite and subject to infiltration and overflow due to rainwater. Due to the unknown integrity of the WWTP, associated discharge conveyances, and sludge storage, the WWTP system is considered a REC.

- Significant waste material from the steelmaking process was identified in the electric arc furnace (EAF) melt shop/furnace and lime silo at the entrance to the EAF melt shop. The dust generated by the steelmaking process is a Resource Conservation and Recovery Act (RCRA) hazardous waste (hazardous waste code K061). Additionally, slag and mill scale produced during steelmaking can also be sources of metals. A prior RCRA inspection noted that baghouse waste was stored in open drums and observed on the top of a drum. The potential presence of these various materials in the EAF melt shop and baghouse area is a REC.

- Several sumps or subgrade structures are located throughout the Property. The integrity of the structures could not be evaluated during the site reconnaissance and are considered RECs, including:

- Much of the equipment in the rolling mill has a subgrade pit to capture mill scale and other materials, including the scale pit. The pit contains water that is a result of stormwater and groundwater infiltration.
- Small sumps were observed to the north of the main mill building near the cooling tower.
- A sump and a covered subgrade structure were observed near the fuel oil ASTs tank farm along the northern side of the structure.
- A set of sumps were observed near the truck wash area near the southwest portion of the mill property.
- A service pit with water is located in the mobile equipment shop.
- A sump is located behind the containment structure near the mold repair shop.
- A sump is located beneath the work area in the mold repair shop.
- The rolling mill is developed with the Morgan oil cellar, which contains two, 10,000-gallon hydraulic oil above-ground storage tanks (ASTs). The floor and walls of the cellar are covered in oil and a sump reportedly captures the oil.
- A stormwater collection sump is reportedly located near the lime silo, where significant staining was previously observed.

- The Property is developed with several hydraulic systems, including one that has been identified as the source of hydraulic oil groundwater impacts in the coil compacting area. The hydraulic systems are located in the EAF area, rolling mill, and coil compacting area and contain varying quantities of oil, ranging between 50 and 2,800 gallons. The hydraulic systems are considered RECs.

- The exterior areas of the Property have historically been used for storage of scrap iron, debris, DRI pellets, slag, mill scale (material that falls off steel during the manufacturing process), mortar, lime, railroad ties, and other materials, including the southernmost parcel of the Property. The ground surface of the former DRI plant (northeast portion of Property) is covered in DRI pellets. Based on the historical use of the site to store these materials, it is possible they have been used as fill material on the site. Based on the potential to leach metals and other contaminants into site soils, the historic and current exterior storage of these materials is considered a REC.

- Significant staining was observed in the oil storage area in the mobile equipment shop and the waste oil storage area. Rainwater infiltration can occur in both of these areas, both of which were observed to contain water. Due to the potential to overflow their containment, these areas are considered RECs.

- A gasoline AST was observed near the utility building. Although no sheens or indications of a release were observed in the AST's secondary containment, fuel is dispensed via underground piping, the integrity of which could not be evaluated. The AST system is considered a REC.

- The north side of the main mill building is developed with fuel oil ASTs within secondary containment. Based on observations, it appears fuel oil may be transferred via underground piping, and is considered an onsite REC.

- A majority of the production floor is exposed soil. Staining was observed in various locations on the ground surface. Based on the heavy use of various oils, lubricants, and other chemicals over decades of operating a steel mill, the potential exists for accumulation of these materials in site soils and/or groundwater and is considered a REC.

- RCRA records indicate that chlorinated solvents were previously used on the Property, likely in conjunction with machine and maintenance shops. These areas also typically use large quantities of oils and lubricants. Chlorinated solvents are reportedly no longer used on the Property. The historic use of chlorinated solvents is considered a REC.

- The facility is reportedly developed with at least three septic tanks that reportedly receive sanitary waste. The septic tanks do not contain leach fields, so the tanks are pumped out on a routine basis. Due to the unknown integrity of the tanks and the potential to receive non-sanitary waste, the septic tanks are considered a REC.

- The facility was reportedly developed with at least five underground storage tanks (USTs). All USTs have reportedly been abandoned, but no files pertaining to the closure of the systems were identified for review. Two releases occurred in association with the USTs: the first was reported in June 1993 and issued a letter of no further action (NFA) in July 1995 and the second was reported in December 1995 and issued an NFA in March 1990. Based on the lack of closure or assessment files, the former USTs are considered a REC.

Although not considered a REC, large quantities of materials were observed throughout the Property, including oils (ASTs, drums, and buckets), lubricants, laboratory chemicals and other materials used in the manufacturing process. These materials will need to be inventoried, characterized, and disposed in accordance with applicable regulations. The large quantity of chemicals in need of proper disposal is considered a Business Environmental Risk.

Potential asbestos-containing materials are likely located throughout the structures. Prior to renovation or demolition, an asbestos inspection should be conducted to evaluate for the absence/presence of asbestos-containing materials. The potential presence of asbestos-containing materials is considered a Business Environmental Risk.

2.0 SITE ASSESSMENT ACTIVITIES

The activities described herein were conducted in general accordance with the *Work Plan* to assess environmental conditions on the Property as specified by the VCC.

2.1 Assess Waste Materials and Segregated Sources

As described in the *Work Plan*, waste materials and segregated sources specified in the VCC and identified below will be characterized. Assessment will include an evaluation of contaminant concentrations and an estimation of the quantity or extent of each type of waste material or segregated source, as applicable, or as specified below.

- Any remaining USTs and associated piping located on the Property, which may require a geophysical survey to identify.
- Any remaining ASTs and associated piping located on the Property. If the secondary containment of any AST contains standing water, a sample of that water shall be collected and analyzed for TAL-Metals (with speciation to analyze for hexavalent chromium), TCL-VOCs, and TCL-SVOCs.
- Any oil or chemical containing vessels located on the Property, including but not limited to drums, buckets, totes, and intermediate bulk containers.
- Any waste material from the steelmaking process, including but not limited to baghouse dust, located on the Property.
- Any hydraulic systems and associated hydraulic oil reservoirs located on the Property.
- The on-site WWTP and any associated underground drains, piping, and trenches located throughout the Property.
- Sludge from the WWTP.
- Scrap material, debris, DRI pellets, slag, mill scale, and any other waste material that is found in piles throughout the Property. The volume of each pile shall be estimated, and a representative number of samples shall be collected for TCLP analysis.
- Any sumps, service pits, cellars, and other subgrade structures located throughout the Property. If water is present in any of these structures, a sample shall be collected and analyzed for TAL-Metals (with speciation to analyze for hexavalent chromium), TCL-VOCs, and TCL-SVOCs.
- Any septic tanks located on the Property, which may require a geophysical survey to identify.
- Building structures should be assessed for asbestos-containing materials.
- Any transformers, capacitors, and other electrical equipment shall be confirmed to not contain PCB oil.

Many of the waste materials/segregated sources identified above are being addressed during the ongoing decommissioning of the steel mill by the current owner. A report describing disposition of waste sources addressed during demolition will be prepared and issued under separate cover from this *Baseline Site Assessment Report*. Waste materials/segregated sources remaining after decommissioning is complete will be characterized and disposed, as necessary, in accordance with an additional work plan, which will be submitted to SCDES.

2.2 Well Survey

GEL conducted a windshield survey to identify public and private wells used for drinking water supply within a one-half-mile radius of the Property and wells used for irrigation or other non-drinking water use within a one-quarter-mile radius. Also, the EDR Radius Map™ Report included in the Phase I ESA Report dated April 25, 2025, and the South Carolina Department of Natural Resources (SCDNR) Coastal Plain Well Inventory were reviewed for evidence of area wells. **Figure 4** depicts the locations of wells identified in the DNR database and two suspected wells identified by the windshield survey.

2.3 Soil Quality Assessment

Soil borings were installed on the Property at the locations specified in the *Work Plan* at the locations shown in **Figures 5 and 6,** and analytical results are summarized in **Table 2**. The soil samples were designated with the identification numbers LS-SB-01 through LS-SB-48. Surface soil samples were collected from 0-2 feet below the land surface (bls), and subsurface soil samples were typically collected from a depth of 2-3 feet bls with some samples collected at 3-4 or 4-5 feet bls. Soil sample depths for each sample are summarized in Table 2. Soil from each boring was field screened for organic vapors at 1-foot intervals using a photoionization detector (PID). PID readings are shown on the soil boring logs included in **Appendix I.**

Soil samples were collected using a drill rig equipped with Direct Push Technology (DPT) or a stainless-steel hand auger. At each sampling location, the boring was advanced to approximately 1-foot bls to collect a surface soil sample from the upper one foot and a subsurface soil sample from approximately 2 to 3 ft bls. Surface samples were collected at 1-2 ft bls in areas where concrete was present at the surface and subsurface samples were collected at 3 to 4 ft bls or 4 to 5 feet bls in these areas. The soil was placed into clean stainless-steel bowls or resealable plastic bags for evaluation and sample collection. Lithologic descriptions of the soil samples were recorded on soil boring logs along with physical indications of constituents of potential concern (COPCs), such as odors or staining. The soil boring logs are included in **Appendix I**.

After the soil samples were logged, portions of the extracted soil were transferred to laboratory-clean sample containers. Laboratory-quality nitrile gloves were worn by sampling personnel throughout the sampling process and changed between each sample. Upon collection, the sample bottles were placed on ice in a cooler and transported to the analytical laboratory under proper chain-of-custody procedures. Downhole equipment, bowls, and any other non-disposable sampling equipment were cleaned in the field between soil boring locations following GEL standard operating procedures.

Subsurface soil VOC samples were collected from a discrete depth using a sampler that conforms to EPA Method 5035. The VOC aliquot was collected from an undisturbed section of soil at the base of the interval (e.g., VOC samples were collected at 3 ft bls for the 2 to 3 ft bls interval).

The analyses required by the VCC for every soil sample include EPA Target Compound List (TCL) SVOCs, hexavalent chromium, and Target Analyte List (TAL) metals. TCL VOCs were analyzed for subsurface samples only. The samples and duplicate from LS-SB-04 and samples from LS-SB-16, LS-SB-17, and LS-SB-25 were also analyzed for TCL PCBs, TCL Pesticides, and cyanide.

2.4 Groundwater Quality Assessment

To assess groundwater quality at the Property, GEL installed eleven temporary wells using a drill rig equipped with DPT, and seventeen permanent shallow monitoring wells using a hollow stem auger drill rig or sonic drilling capabilities at the locations shown in **Figures 7 and 8**. All monitoring wells were installed by South Carolina-certified well drillers per South Carolina R.61-71 Well Standards (SCDES, May 27, 2016). The temporary wells were designated as LS-TW-02, -03, -06 through -13, and -15. Permanent wells were designated as LS-MW-01, -04, -05, -14, -16 through -27, and LS-MW-28D. Well construction details are summarized in **Table 3** and analytical results are summarized in **Table 4**.

Temporary wells consisted of installing a 2 1/4-inch diameter boring with DPT to the total well depth, ranging from 12 to 13 ft bls, and inserting a 1-inch diameter well screen and riser into the borehole. A peristaltic pump and disposable tubing were used to sample the wells and field parameters including temperature, pH, conductivity, and turbidity were recorded on field data sheets at the time of sampling. Field data are included in Appendix II. Temporary wells were abandoned in accordance with R.61-71 after sampling was completed.

Permanent wells were installed with a drill rig equipped with hollow stem augers or sonic drilling capability and consisted of a 2-inch diameter, flush-threaded polyvinyl chloride (PVC) well casing and a 5 or 10-foot long 0.010-inch machine-slotted well screen set to bracket the water table. A filter pack of No. 2 washed quartz sand was placed around the screen from the total well depth

to a minimum of two feet above the screen. Approximately two feet of bentonite pellets were placed on top of the filter pack and hydrated to form a seal. The well was grouted with neat Portland cement to the land surface. The well was finished with a watertight lockable well cap on the 2-inch diameter riser pipe, a 2-foot by 2-foot concrete pad, and a lockable steel flush-mounted protective casing. Following installation, the monitoring wells were developed using a submersible pump until the groundwater was relatively sediment-free, and pH and specific conductivity readings stabilized, as practicable.

Groundwater samples were collected from newly installed permanent monitoring wells no sooner than the day following development. The newly installed and existing wells were sampled using a submersible or peristaltic pump. Before sample collection, at least three casing volumes were evacuated to ensure that groundwater samples were representative of the water quality in the aquifer immediately surrounding the new wells. Indicator parameters, including turbidity, specific conductance, pH, and temperature, were measured in the field and recorded following the evacuation of each casing volume. Wells were considered adequately evacuated, and groundwater samples were collected when turbidity had stabilized or was below 10 Nephelometric Turbidity Units, pH measurements remained constant within 0.1 standard units of each other, specific conductivity varied by no more than 10 percent, and the temperature remained within 5 percent for at least three consecutive readings, as practicable. The field measurements were recorded on a Groundwater Sampling Field Data Sheet for each well. The Monitoring Well Installation Logs, Monitoring Well Development Logs, and Groundwater Sample Field Data Sheets are included in **Appendix II.**

The groundwater monitoring well analyses required by the VCC included TCL VOCs, TCL SVOCs, and total and dissolved TAL metals and hexavalent chromium. Additional analyses required for the samples collected from LS-TW-02, LS-TW-04, LS-MW-18, and LS-MW-24 included TCL PCBs, TCL Pesticides, and cyanide. Wells LS-MW-17, LS-MW-19, LS-MW-20, LS-MW-24 and LS-MW-27 were also analyzed for PFAS. Additionally, a sample of the plant's municipal water supply was collected from a spigot near the bathrooms and wastewater area and analyzed for PFAS (sample LS-Facility Water in **Table 4**). The plant is supplied with water by the City of Georgetown. Groundwater samples were collected in laboratory clean sample containers that are pre-dosed with preservatives required for the analytical parameters specified in the work plan for each well and the quality control samples. Laboratory-quality nitrile gloves were worn by sampling personnel throughout the sampling process and changed, at a minimum, between each well. Upon collection, the sample bottles were placed on ice in a cooler and transported to the analytical laboratory under proper chain-of-custody procedures.

2.5 Surface Water, Sediment, and Pore Water Assessment

Six surface water and three sediment samples were collected at the locations shown in **Figures 9, and 10**, respectively. The surface water and sediment sample analyses required by the VCC included TCL VOCs, hexavalent chromium, TCL SVOCs, and TAL metals. Field filtered surface water samples were also analyzed for dissolved TAL metals and hexavalent chromium. Four pore water samples were collected at the locations shown in **Figure 11**. Pore water sample analyses included TCL VOCs, TCL SVOCs, PFAS, and total and dissolved TAL metals and hexavalent chromium.

2.6 Quality Assurance/Quality Control Procedures and Reviews

To supplement the laboratory QA/QC analyses prescribed by the EPA laboratory methods, three additional types of QC samples (field duplicates, equipment blanks, and trip blanks) were collected and submitted for laboratory analysis, as indicated in Table 1. Ten field duplicate samples and one equipment blank were collected for the soil sampling program, and four field duplicates samples and one equipment blank were collected for the groundwater program. Equipment blanks were collected from disposable or decontaminated non-disposable sampling equipment by pouring laboratory-purified VOC-free water over the cleaned reusable equipment and/or unused disposable equipment and collecting it in sample containers. The field QC samples were analyzed for the sets of analytical parameters listed in **Table 1**. Trip blanks were prepared by the laboratory and accompanied each cooler containing samples analyzed for TCL VOCs. Nineteen trip blanks were submitted over the course of the project.

2.7 Investigation-Derived Waste

Water and soil from the monitoring well installation, development, and sampling were containerized in labeled 55-gallon steel drums. The drums will be properly disposed of by a third-party contractor.

3.0 DISCUSSION OF RESULTS

Summaries of constituents detected in the assessment samples are provided in **Tables 2** and **4 through 7**. The tables include EPA and South Carolina values used for site "screening" purposes and as initial cleanup goals, if applicable, as outlined in the *Baseline Site Assessment Work Plan*. Screening criteria are not de facto cleanup standards and should not be viewed as such. The role of these levels in the screening process is to help identify areas, contaminants, and conditions that may require further attention at a particular site.

At sites where contaminant concentrations fall below applicable screening criteria, no further action or study is warranted under the Superfund program, so long as the exposure assumptions at a site match those considered by the screening criteria calculations. Chemical concentrations above screening criteria would not automatically designate a site as "dirty" or trigger a response action; however, exceeding a screening level suggests that further evaluation of the potential risks from site contaminants may be appropriate.

3.1 Soil Assessment Results

A total of 106 surface and subsurface soil samples, including 10 field duplicates, were collected from 48 locations throughout the Property. The analytical results for those constituents detected in one or more soil samples are presented in **Table 2** and sample locations are shown in **Figures 5 and 6**. The sample identifications used include a numerical suffix such as “-1.0” which indicates the bottom of the sampled 1 foot interval in feet bls. The analytical laboratory reports, presenting the sample certificates of analysis and chain-of-custody forms, are provided in **Appendix III**.

Detected constituent concentrations are compared to the Regional Screening Levels (RSLs) for residential and industrial soil and the maximum contaminant level (MCL)-based Protection of Groundwater Soil Screening Levels (SSLs) from the United States Environmental Protection Agency (EPA) November 2024 RSL Summary Tables (Total Hazard Quotient (THQ) = 0.1). RSLs are not regulatory standards, and as a result, deviation from either level is not an indication of compliance issues. Analytical results exceeding screening criteria are highlighted in color in **Table 2**. Although concentrations exceeding SSLs for the protection of groundwater are highlighted in **Table 2**, monitoring wells installed for this assessment provide a direct indication of groundwater impact. Therefore, the SSL exceedances are not discussed further and are not shown in **Figures 7 and 8.**

As shown in the table, metals including hexavalent chromium, aluminum, antimony, arsenic, barium, cadmium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, thallium, vanadium and zinc were detected at concentrations exceeding applicable residential RSLs in one or more soil samples. Only arsenic, cadmium, iron, lead, manganese, thallium and vanadium were detected at concentrations exceeding RSLs for industrial soils. While other metal constituents were detected above method detection limits, none of the concentrations exceeded applicable RSLs. Screening level exceedances for metals are summarized below:

- Detected concentrations of hexavalent chromium exceed its residential RSL (0.95 milligrams per kilogram (mg/Kg)) in six soil samples. The exceeding concentrations range from 1.01 to 12.5 mg/kg.

- Detected concentrations of aluminum exceed its residential RSL (7,700,000 micrograms per kilogram (ug/Kg)) in 32 soil samples. The exceeding concentrations range from 8,020,000 to 78,000,000 ug/kg.
- Detected concentrations of antimony exceed its residential RSL (3,100 ug/Kg) in 21 soil samples. The exceeding concentrations range from 3,290 to 26,400 ug/kg.
- Detected concentrations of arsenic exceed its residential RSL (680 ug/Kg) in 86 soil samples. 59 of the samples also exceed the industrial RSL (3,000 ug/Kg). The exceeding concentrations range from 700 to 41,600 ug/kg.
- The detected concentration of barium exceeds its residential RSL (1,500,000 ug/Kg) in one soil sample. The exceeding concentration is 3,800,000 ug/kg.
- Detected concentrations of cadmium exceed its residential RSL (710 ug/Kg) in 36 soil samples. Six of the samples also exceed the industrial RSL (10,000 ug/Kg). The exceeding concentrations range from 737 to 45,100 ug/kg.
- The detected concentration of cobalt exceeds its residential RSL (2,300 ug/Kg) in 54 soil samples. The exceeding concentrations range from 2,340 to 65,500 ug/kg.
- The detected concentration of copper exceeds its residential RSL (310,000 ug/Kg) in 10 soil samples. The exceeding concentrations range from 359,000 to 1,120,000 ug/kg.
- Detected concentrations of iron exceed its residential RSL (5,500,000 ug/Kg) in 68 soil samples. Twenty-eight of the samples also exceed the industrial RSL (82,000,000 ug/Kg). The exceeding concentrations range from 5,630,000 to 662,000,000 ug/kg.
- Detected concentrations of lead exceed its residential RSL (200,000 ug/Kg) in 12 soil samples. Four of the samples also exceed the industrial RSL (800,000 ug/Kg). The exceeding concentrations range from 211,000 to 2,740,000 ug/kg.
- Detected concentrations of manganese exceed its residential RSL (180,000 ug/Kg) in 62 soil samples. Thirty-one of the samples also exceed the industrial RSL (2,600,000 ug/Kg). The exceeding concentrations range from 239,000 to 35,400,000 ug/kg.
- The detected concentration of mercury exceeds its residential RSL (710 ug/Kg) in 3 soil samples. The exceeding concentrations range from 834 to 1,960 ug/kg.
- The detected concentration of nickel exceeds its residential RSL (140,000 ug/Kg) in 7 soil samples. The exceeding concentrations range from 141,000 to 649,000 ug/kg.
- The detected concentration of selenium exceeds its residential RSL (39,000 ug/Kg) in one soil sample. The exceeding concentration is 50,700 ug/kg.

- Detected concentrations of thallium exceed its residential RSL (78 ug/Kg) and industrial RSL (1,200 ug/Kg) in 3 soil samples. The exceeding concentrations range from 1,740 to 3,670 ug/kg.
- Detected concentrations of vanadium exceed its residential RSL (39,000 ug/Kg) in 45 soil samples. Three of the samples also exceed the industrial RSL (580,000 ug/Kg). The exceeding concentrations range from 41,300 to 1,040,000 ug/kg.
- The detected concentrations of zinc exceed its residential RSL (2,300,000 ug/Kg) in 8 soil samples. The exceeding concentrations range from 2,410,000 to 21,400,000 ug/kg.

The metals detected at the Property have been reported in background samples from the South Carolina Coastal Plain as published in *Elements in South Carolina Inferred Background Soil and Stream Sediment Samples* (Canova, South Carolina Geology, 1999). However, for most metals the concentrations detected at the Property locally exceed the maximum concentrations detected in Coastal Plain background samples, indicating that site activities have caused metals impact in soil in some areas of the Site.

SVOCs detected in soil samples are shown on Table 2. The only SVOC concentrations that exceed applicable screening levels are polynuclear aromatic hydrocarbons (PAHs) including 2-methylnaphthalene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene.

- Detected concentrations of 2-methylnaphthalene exceed its residential RSL (24,000 ug/Kg) in one soil sample. The exceeding concentration is 63,900 ug/kg.
- Detected concentrations of benzo(a)anthracene exceed its residential RSL (1,100 ug/Kg) in one soil sample. The exceeding concentration is 2,040 ug/kg.
- Detected concentrations of benzo(a)pyrene exceed its residential RSL (110 ug/Kg) in 17 soil samples. The exceeding concentrations range from 132 to 1,390 ug/kg.
- Detected concentrations of benzo(b)fluoranthene exceed its residential RSL (1,100 ug/Kg) in 3 soil samples. The exceeding concentrations range from 1,200 to 2,190 ug/kg.
- Detected concentrations of dibenzo(a,h)anthracene exceed its residential RSL (110 ug/Kg) in 3 soil samples. The exceeding concentrations range from 144 to 218 ug/kg.

VOCs detected in the 53 subsurface soil samples (including 5 field duplicates) analyzed for VOCs are shown on Table 2. Methylcyclohexane was the only VOC to exceed applicable screening levels. It was detected in one sample at 86,900 ug/Kg exceeding its residential RSL (9,800 ug/Kg) and industrial RSL (41,000 ug/Kg).

Pesticides, PCBS, and cyanide were analyzed in 11 soil samples (including 1 field duplicate). Low concentrations of several of these constituents were detected in one or more soil samples. The PCBs aroclor 1242 and aroclor 1254 were detected in one soil sample at 334 ug/Kg and 122 ug/Kg, respectively, exceeding their respective residential RSLs of 230 ug/Kg and 120 ug/Kg. None of the detected concentrations for the other parameters exceed residential or industrial screening levels.

3.2 Groundwater Flow Determination

The water table elevation calculated from the static depths to water and surveyed tops of casing measured for each of the temporary and permanent monitoring wells are listed in **Table 3**. These elevations are also presented in **Figure 12**, along with inferred water table elevation contour lines and groundwater flow directions. Based on the potentiometric surface map, groundwater generally flows to the east and southeast toward the Sampit River.

3.3 Groundwater Assessment Results

A total of 42 groundwater samples, including 4 field duplicates, were collected from 28 newly installed temporary and permanent monitoring wells and 10 permanent wells installed for previous assessments. The well locations are shown in **Figures 7 and 8**. The analytical results for those constituents detected in groundwater samples are presented in **Table 4**. The analytical laboratory reports, presenting the sample certificates of analysis and chain-of-custody forms, are provided in **Appendix IV**. Groundwater quality results are compared to the primary MCLs in the South Carolina Primary Drinking Water Regulations, R.61-58, or, if not specified in R.61-58, to the most current EPA RSLs for tapwater, which are not regulatory standards for groundwater.

As shown in **Table 4**, total metals results and dissolved metals results, conducted on field filtered groundwater samples, are reported to evaluate the effects of sample turbidity on the metals concentrations. As shown in the table, metals including hexavalent chromium, aluminum, antimony, arsenic, chromium, cobalt, iron, lead, manganese, nickel, selenium, silver, vanadium and zinc were detected at concentrations exceeding applicable MCLs or tapwater RSLs in one or more filtered or unfiltered groundwater samples.

Screening level exceedances for metals are summarized below:

- Detected concentrations of total and dissolved hexavalent chromium exceed its tapwater RSL (0.00011 milligrams per liter (mg/L)) in 15 groundwater samples and 12 groundwater samples, respectively. The exceeding concentrations range from 0.003 to 0.0889 mg/L.

- Detected concentrations of total and dissolved aluminum exceed its tapwater RSL (2,000 micrograms per liter (ug/L)) in 12 groundwater samples and 4 groundwater samples, respectively. The exceeding concentrations range from 2,640 to 250,000 ug/L. The results suggest that aluminum is largely the result of sample turbidity.
- Detected concentrations of total and dissolved antimony exceed its MCL (10 ug/L) in 7 groundwater samples and 4 groundwater samples, respectively. The exceeding concentrations range from 8.01 to 21.5 ug/L. The results suggest that antimony concentrations are not the result of sample turbidity.
- Detected concentrations of total and dissolved arsenic exceed its MCL (10 ug/L) in 7 groundwater samples and 4 groundwater samples, respectively. The exceeding concentrations range from 11.3 to 61.5 ug/L. The results suggest that arsenic concentrations may be related in part to sample turbidity.
- Detected concentrations of total chromium exceed its MCL (100 ug/L) in one unfiltered groundwater sample. The exceeding concentration is 165 ug/L. The results suggest that the chromium concentration may be related to sample turbidity.
- Detected concentrations of total and dissolved cobalt exceed its tapwater RSL (0.6 ug/L) in 9 groundwater samples and 5 groundwater samples, respectively. The exceeding concentrations range from 1.14 to 20.5 ug/L. The results suggest that the higher cobalt concentration may be related to sample turbidity.
- Detected concentrations of total and dissolved iron exceed its tapwater RSL (1,400 ug/L) in 31 groundwater samples and 27 groundwater samples, respectively. The exceeding concentrations range from 2,160 to 820,000 ug/L. The results suggest that the iron concentrations are not related to sample turbidity.
- Detected concentrations of total and dissolved lead exceed its MCL (10 ug/L) in 10 groundwater samples and 1 groundwater sample, respectively. The exceeding concentrations range from 10.1 to 274 ug/L. The results suggest that the higher lead concentrations are related to sample turbidity.
- Detected concentrations of total and dissolved manganese exceed its tapwater RSL (43 ug/L) in 32 groundwater samples and 28 groundwater samples, respectively. The exceeding concentrations range from 56.8 to 41,600 ug/L. The results suggest that the higher manganese concentrations are not related to sample turbidity.
- Detected concentrations of total nickel exceed its tapwater RSL (39 ug/L) in 2 unfiltered groundwater samples. The exceeding concentrations range from 39.1 to 64.1 ug/L. The results suggest that the higher nickel concentrations are related to sample turbidity.

- Detected concentrations of total and dissolved selenium exceed its MCL (50 ug/L) in 3 groundwater samples and 3 groundwater samples, respectively. The exceeding concentrations range from 76.8 to 200 ug/L. The results suggest that the higher selenium concentrations are not related to sample turbidity.
- Detected concentrations of dissolved silver exceed its tapwater RSL (9.4 ug/L) in one filtered groundwater sample. The exceeding concentration is 9.61 ug/L. The results suggest that the higher selenium concentrations are not related to sample turbidity.
- Detected concentrations of total and dissolved vanadium exceed its tapwater RSL (8.6 ug/L) in 17 groundwater samples and 8 groundwater samples, respectively. The exceeding concentrations range from 9.91 to 551 ug/L. The results suggest that the higher vanadium concentrations are not related to sample turbidity.
- Detected concentrations of total zinc exceed its tapwater RSL (600 ug/L) in two unfiltered groundwater samples. The exceeding concentrations range from 627 to 2,200 ug/L. The results suggest that the higher zinc concentrations may be related to sample turbidity.

SVOCs detected in groundwater samples are shown on Table 4. The only SVOC concentrations that exceed applicable screening levels are PAHs including 2-methylnaphthalene, benzo(a)anthracene, bis(2-ethylhexyl)phthalate and naphthalene. SVOC screening level exceedances are summarized below:

- Detected concentrations of 2-methylnaphthalene exceed its tapwater RSL (3.6 ug/L) in two groundwater samples. The exceeding concentrations range from 18.9 to 53.4 ug/L.
- Detected concentrations of benzo(a)anthracene exceed its tapwater RSL (0.03 ug/L) in two groundwater samples. The exceeding concentrations range from 0.45 to 1.6 ug/L.
- Detected concentrations of bis(2-ethylhexyl)phthalate exceed its MCL (6 ug/L) in two groundwater samples. The exceeding concentrations range from 7.83 to 314 ug/L.
- Detected concentrations of naphthalene exceed its tapwater RSL (0.12 ug/L) in three groundwater samples. The exceeding concentrations range from 2.22 to 18.2 ug/L.

VOCs detected in the groundwater samples are shown on Table 4. The only VOCs detected were chlorinated compounds including 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethylene (1,1-DCE), 1,2-dichlorethane (1,2-DCA), cis-1,2-dichloroethylene (cis-1,2-DCE), methylene chloride (MC), tetrachloroethylene (PCE), trichloroethylene (TCE) and vinyl chloride (VC). VOC screening level exceedances are summarized below:

- The detected concentration of 1,1-DCA exceeds its tapwater RSL (2.8 ug/L) in one groundwater sample. The exceeding concentration is 21.6 ug/L.
- The detected concentration of 1,1-DCE exceeds its MCL (7 ug/L) in one groundwater sample. The exceeding concentration is 39.4 ug/L.
- The detected concentration of 1,2-DCA exceeds its MCL (5 ug/L) in one groundwater sample. The exceeding concentration is 20.5 ug/L.
- Detected concentrations of cis-1,2-DCE exceed its MCL (70 ug/L) in two groundwater samples. The exceeding concentrations range from 12,100 to 27,600 ug/L.
- The detected concentration of MC exceeds its MCL (5 ug/L) in one groundwater sample. The exceeding concentration is 230 ug/L.
- Detected concentrations of PCE exceed its MCL (5 ug/L) in two groundwater samples. The exceeding concentrations range from 80.6 to 1,180 ug/L.
- Detected concentrations of TCE exceed its MCL (5 ug/L) in two groundwater samples. The exceeding concentrations range from 245 to 1,530 ug/L.
- The detected concentration of VC exceeds its MCL (2 ug/L) in one groundwater sample. The exceeding concentration is 1,930 ug/L.

Several PFAS compounds were detected in the five groundwater samples and one field duplicate collected at the Site. 2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (PFPrOPrA), perfluorodecanoic acid (PFDA), perfluorohexane sulfonic acid (PFHxS), perfluorooctane sulfonic acid (PFOS), and perfluorooctanoic acid (PFOA) were detected at concentrations exceeding tapwater RSLs or MCLs in one or more of the groundwater samples. Additionally, PFOS and PFOA were detected at concentrations exceeding screening levels in a sample from the plant water supply. PFAS screening level exceedances are summarized below:

- The detected concentration of PFPrOPrA exceeds its MCL (10 nanograms per liter (ng/L)) in one groundwater sample. The exceeding concentration is 17.9 ng/L.
- The detected concentrations of PFDA exceed its tapwater RSL (0.004 ng/L) in two groundwater samples. The exceeding concentrations range from 3.04 to 6.25 ng/L.
- The detected concentrations of PFHxS exceed its MCL (10 ng/L) in four groundwater samples. The exceeding concentrations range from 16.2 to 33.2 ng/L.
- The detected concentrations of PFOS exceed its MCL (4 ng/L) in six groundwater samples. The exceeding concentrations range from 34.3 to 136 ng/L. PFOS was also detected in the plant water supply at 8.08 ng/L also exceeding the MCL.

- The detected concentrations of PFOA exceed its MCL (4 ng/L) in six groundwater samples. The exceeding concentrations range from 12.7 to 62.1 ng/L. PFOA was also detected in the plant water supply at 5.25 ng/L also exceeding the MCL.

Pesticides, PCBS, and cyanide were analyzed in 5 groundwater samples (including 1 field duplicate). None of these parameters were detected in the groundwater samples.

3.4 Surface Water, Sediment, and Pore Water Assessment Results

Surface water and pore water samples were analyzed for TCL VOCs, TCL SVOCs, and total and dissolved TAL metals and hexavalent chromium. Pore water samples were also analyzed for PFAS. Sediment samples were analyzed for TCL VOCs, TCL SVOCs, TAL metals, and hexavalent chromium. The analytical results for those constituents detected in one or more surface water, sediment, and pore water samples are presented in **Tables 5, 6, and 6**, respectively. The analytical laboratory reports, presenting the sample certificates of analysis and chain-of-custody forms, are provided in **Appendices III and IV**.

Detected surface water constituent concentrations are compared to the South Carolina Water Classification and Standards R. 61-68 (June 27, 2014) based on the consumption of either "water and organism" or "organism only" as applicable for the water body, if listed, and to the groundwater MCLs. As shown in **Table 5**, total antimony (LS-SW-02, LS-SW-03, LS-SW-04) and total lead (LS-SW-01, LS-SW-04, LS-SW-05) in the surface water samples exceed their respective MCLs or water and organism screening level. Dissolved antimony and lead in field filtered samples did not exceed screening levels indicating that the total results were partially the result of sample turbidity and not reflective of surface water quality. Total and dissolved mercury in samples LS-SW-02, LS-SW-03, and LS-SW-04 exceeded the “water and organism” and “organism only” screening levels. Vinyl chloride slightly exceeded the MCL in sample LS-SW-04.

Detected constituent concentrations in sediment samples are compared to EPA Region 4 Ecological Screening Values (ESVs) for marine sediment at hazardous waste sites (*Supplemental Guidance to ERAGS: Region 4, Ecological Risk Assessment*; March 2018), if listed. ESVs are not regulatory standards, so failure to meet ESVs is not a compliance issue. As shown in **Table 6**, antimony, arsenic, cadmium, chromium, copper, lead, mercury, nickel, and zinc were detected at concentrations exceeding their respective ESVs in sediment sample LS-SD-01 and its field duplicate. Chromium, copper, and zinc also exceed ESVs in samples LS-SD-02 and LS-SD-03, and nickel also exceeds its ESV in LS-SD-02. The SVOCs, benzo(a)anthracene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, chrysene, fluoranthene, phenanthrene, and pyrene exceed their respective ESVs in sediment sample LS-SD-01 and its field duplicate.

Detected pore water constituent concentrations are compared to the EPA MCLs and tapwater RSLs for constituents without established MCLs and to the South Carolina Water Classification and Standards R. 61-68 (June 27, 2014) based on the consumption of either "water and organism" or "organism only" as applicable for the water body. As shown in **Table 7**, hexavalent chromium, aluminum, antimony, arsenic, cadmium, chromium, cobalt, iron, lead, manganese, mercury, vanadium, and zinc were detected in one or more filtered and/or unfiltered porewater samples, at concentrations exceeding tapwater RSLs, MCLs or surface water screening levels. The majority of the exceedances were in unfiltered samples suggesting that the metals results were largely the result of sample turbidity. Concentrations in filtered samples (dissolved metals) exceeded screening levels for hexavalent chromium, aluminum, antimony, arsenic, beryllium, cobalt, iron, manganese, and vanadium in one or more samples.

The PAHs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding applicable tapwater RSLs, MCLs, or surface water screening levels in one sample (LS-PW-04).

The only VOC detected was methylene chloride which did not exceed screening levels. Methylene chloride was detected in all five pore water samples and was also detected in the laboratory method blank, indicating that the detections resulted from laboratory interferences.

Several PFAS compounds were detected in the four pore water samples and one field duplicate collected at the Site. PFDA, PFHxS, PFOS, and PFOA were detected at concentrations exceeding tapwater RSLs or MCLs in one or more of the porewater samples.

PFAS screening level exceedances in pore water are summarized below:

- The detected concentrations of PFDA exceed its tapwater RSL (0.004 ng/L) in two porewater samples. The exceeding concentrations range from 2.92 to 12.4 ng/L.
- The detected concentrations of PFHxS exceed its MCL (10 ng/L) in two porewater samples. The exceeding concentrations range from 12.2 to 13.8 ng/L.
- The detected concentrations of PFOS exceed its MCL (4 ng/L) in all five porewater samples. The exceeding concentrations range from 12.2 to 42.2 ng/L.
- The detected concentrations of PFOA exceed its MCL (4 ng/L) in four porewater samples. The exceeding concentrations range from 4.02 to 29.2 ng/L.

3.5 QA/QC Analysis Results

Table 1 details the QA/QC samples collected as part of the assessment, including equipment blanks, trip blanks, and field duplicates. The analytical results were subjected to Level II data validation, which comprises an evaluation of the laboratory's quality control measures. The data validation was performed in accordance with the United States Environmental Protection Agency (USEPA) National Function Guidelines (NFG) for Organic and Inorganic Superfund Methods Data Review (November 2020). The Data Validation Report in Appendix V compiles the data validation reports for each laboratory report. Additional details and applicable additional qualifiers are contained in the data validation report, and the data qualifiers are also included in the summary tables for each sample medium.

Overall the laboratory data is considered acceptable for use in this assessment. Data validation identified non-detected results for several SVOCs in some soil and sediment sample batches that were rejected due to laboratory control sample or matrix spike results being outside acceptance limits. These SVOCs were not detected or were rarely detected in any of the other soil samples, and the rejection of these results does not adversely affect the evaluation of the data. Additionally, results for some analytes were considered estimated based on laboratory control sample, matrix spike, or matrix spike duplicate recoveries being below specified acceptance ranges in some sample batches. The majority of field duplicate results were acceptable with minor failures for specific analytes in some samples which are considered estimated. Additional details are contained in the data validation report included in Appendix V, and applicable additional qualifiers are shown on the laboratory certificates of analysis included in Appendix V, and shown on the summary tables.

4.0 SUMMARY OF RESULTS

The following sections present discussions and summaries of the analytical results for soil, groundwater, sediment, surface water and porewater at the Property.

Soil

- Metals including hexavalent chromium, aluminum, antimony, arsenic, barium, cadmium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, thallium, vanadium and zinc were detected at concentrations exceeding applicable residential RSLs in one or more soil samples throughout the Property. Only arsenic, cadmium, iron, lead, manganese, thallium and vanadium were detected at concentrations exceeding RSLs for industrial soils.
- Although background concentrations of the detected metals have been identified in the South Carolina Coastal Plain soil, the metal concentrations in soil are present at

concentrations exceeding the upper range of background metal concentrations, suggesting that soils have been impacted by site activities.

- Several SVOCs were detected at concentrations exceeding residential RSLs across the Property; however, none of the concentrations exceed industrial RSLs
- One VOC, methylcyclohexane, was detected at a concentration exceeding its residential and industrial RSLs. The sample (LS-SB-27-4.0) was collected near the former Riverside Oil Company building.
- The PCBs aroclor 1242 and aroclor 1254 were detected at concentrations exceeding their respective residential soil RSLs in one sample (LS-SB-25-3.0) from near the WWTP.
- Cyanide and pesticides did not exceed screening levels in any of the soil samples

Groundwater

- Groundwater generally flows to the east and southeast toward the Sampit River.
- Metals including hexavalent chromium, aluminum, antimony, arsenic, chromium, cobalt, iron, lead, manganese, nickel, selenium, vanadium and zinc were detected at concentrations exceeding applicable MCLs or tapwater RSLs in one or more unfiltered groundwater samples.
- Dissolved hexavalent chromium, aluminum, antimony, arsenic, cobalt, iron, lead, manganese, selenium, silver, and vanadium were detected at concentrations exceeding applicable MCLs or tapwater RSLs in one or more filtered groundwater samples, indicating that metals results are not strictly related to sample turbidity.
- The SVOCs 2-methylnaphthalene, benzo(a)anthracene, bis(2-Ethylhexyl)phthalate, and naphthalene were detected in two or more groundwater samples at concentrations exceeding MCLs or tapwater RSLs. The wells with exceedances were in wells including LS-TW-10 near the fuel oil ASTs and existing wells MW-23 and CA-3 near the coil compactor area in the vicinity of the hydraulic oil release.
- The only VOCs detected in groundwater were chlorinated compounds including 1,1-DCA, 1,1-DCE, 1,2-DCA, cis-1,2-DCE, MC, PCE, TCE, and VC. Concentrations exceed MCLs or tapwater RSLs only in existing wells MW-23 and CA-3 near the coil compactor area. No VOCs were detected in the deep well (LS-MW-28D) installed for this assessment located near existing well MW-23. Based on the ratio of the detected concentrations of PCE and TCE to their degradation daughter products it appears the chlorinated solvent plume is naturally attenuating. Additionally, the plume appears to be stable and localized given that chlorinated solvents are not detected in downgradient wells LS-MW-01, LS-MW-04, LS-MW-14, and LS-MW-27.

- PFAS compounds, PFPrOPrA, PFDA, PFHxS, PFOS, and PFOA, exceed their respective tapwater RSLs or MCLs in one or more groundwater samples from wells LW-MW-17, LS-MW-19, LS-MW-20, LS-MW-24, and LS-MW-27. PFOS and PFOA were also detected in the plant water supply at levels exceeding MCLs. The detected concentrations of PFAS compounds across the entire site do not appear to be indicative of a localized source area as it is unlikely that PFAS compounds would have been used across the entire Liberty Steel facility. Additional groundwater investigation would be required to evaluate the source of PFAS at the site, if any.

Surface Water

- Total antimony (LS-SW-02, LS-SW-03, LS-SW-04) and total lead (LS-SW-01, LS-SW-04, LS-SW-05) in the surface water samples exceed their respective MCLs or water and organism screening level. Dissolved antimony and lead in field filtered samples did not exceed screening levels indicating that the total results were partially the result of sample turbidity and not reflective of surface water quality.
- Total and dissolved mercury in samples LS-SW-02, LS-SW-03, and LS-SW-04 exceeded the "water and organism" and "organism only" screening levels.
- VC slightly exceeded the MCL in sample LS-SW-04 which is located downgradient of the coil compactor area/chlorinated solvent release area. The LS-SW-04 sample was taken directly from a stormwater discharge pipe that has a continuous flow during dry weather. It appears that the stormwater discharge pipe is receiving a nominal amount of groundwater intrusion into the pipe. All of the stormwater infrastructure at the Liberty Steel site will be removed, rerouted, and replaced as a part of the site redevelopment activities which would eliminate this discharge.

Sediment

- Antimony, arsenic, cadmium, chromium, copper, lead, mercury, nickel, and zinc were detected at concentrations exceeding their respective ESVs in sediment sample LS-SD-01 and its field duplicate. Chromium, copper, and zinc also exceed ESVs in samples LS-SD-02 and LS-SD-03, and nickel also exceeds its ESV in LS-SD-02.
- The SVOCs, benzo(a)anthracene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, chrysene, fluoranthene, phenanthrene, and pyrene exceed their respective ESVs in sediment sample LS-SD-01 and its field duplicate.

Pore Water

- Hexavalent chromium, aluminum, antimony, arsenic, cadmium, chromium, cobalt, iron, lead, manganese, mercury, vanadium, and zinc were detected in one or more filtered and/or unfiltered pore water samples, at concentrations exceeding tapwater RSLs, MCLs or surface water screening levels. The majority of the exceedances were in unfiltered samples suggesting that the metals results were largely the result of sample turbidity.
- Concentrations in filtered samples (dissolved metals) exceeded screening levels for hexavalent chromium, antimony, arsenic, cobalt, iron, manganese, and vanadium in one or more pore water samples.
- The PAHs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding applicable tapwater RSLs, MCLs, or surface water screening levels in one sample (LS-PW-04).
- VOCs were not detected at concentrations exceeding screening levels in pore water.
- Several PFAS compounds were detected in the four pore water samples and one field duplicate collected at the Site. PFDA, PFHxS, PFOS, and PFOA were detected at concentrations exceeding tapwater RSLs or MCLs in one or more of the porewater samples.
- Due to the tidal influence of the Sampit River it is unlikely that the porewater samples represent pure groundwater entering the Sampit River. Additional investigation would be necessary to evaluate if the detected concentrations in groundwater are migrating to the Sampit River.

5.0 RECOMMENDATIONS

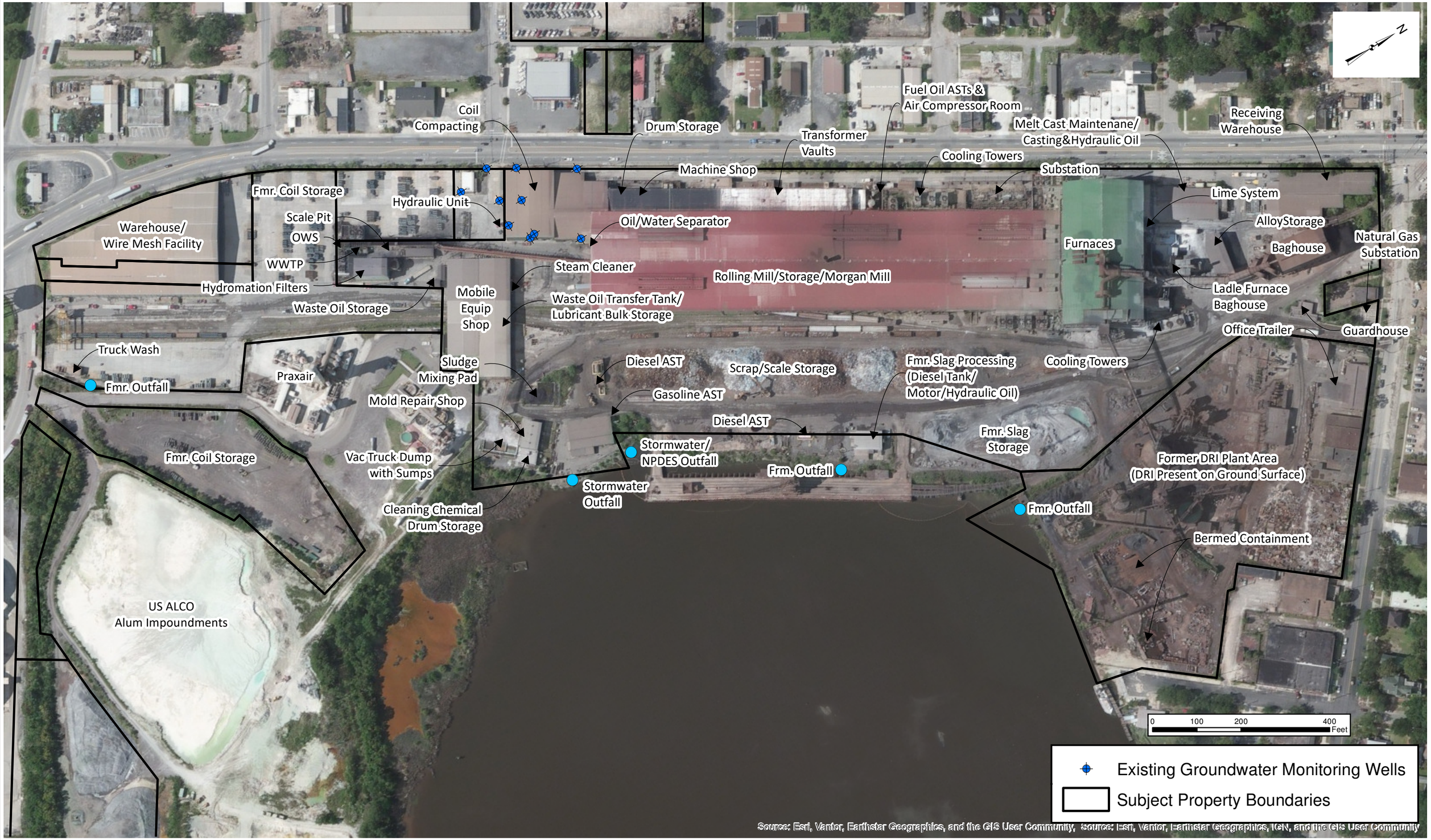
The data from this investigation indicate that constituents of potential concern including metals, SVOCs, VOCs and PFAS compounds are present at the Property in soil, groundwater, sediment, surface water and pore water at concentrations exceeding applicable screening levels. It is recommended that a Media Management Plan be prepared for SCDES approval to limit the exposure to impacted media which may be encountered during proposed redevelopment activities.

Additionally, the current owner, Liberty Steel is removing all structures on the Property down to the concrete slabs. During site redevelopment activities by Liberty, the remaining concrete slabs will be removed. At that time, GEL will prepare a subslab soil assessment work plan for SCDES review and approval.

FIGURES



GEL Engineering, LLC *a Member of THE GEL GROUP, INC.* GEL 2040 SAVAGE ROAD CHARLESTON, SC 29407 (843) 769-7378 FAX (843) 769-7397 WWW.GEL.COM ENGINEERING ENVIRONMENTAL ANALYTICAL	BASELINE SITE ASSESSMENT REPORT LIBERTY STEEL PROPERTY S. FRASER STREET GEORGETOWN, SOUTH CAROLINA VCC 25-8848-NRP	**SITE LOCATION MAP**		
		PROJECT: RVDE00226	DATE: AUGUST 12, 2026	FIGURE 1

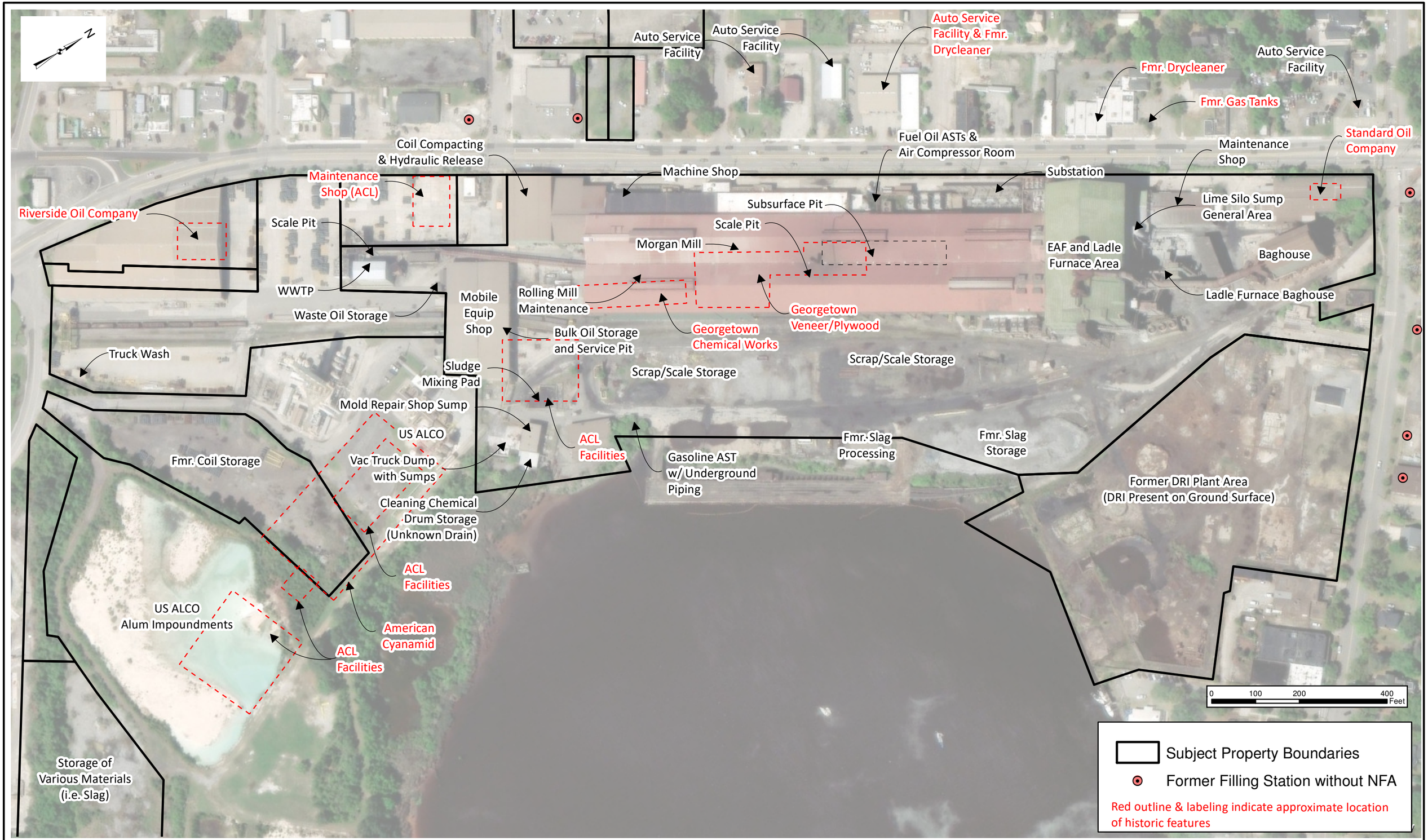


GEL Engineering, LLC
a Member of THE GEL GROUP, INC. GEL
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

DETAILED SITE MAP

PROJECT: RVDE00226	DATE: AUGUST 12, 2026	FIGURE 2

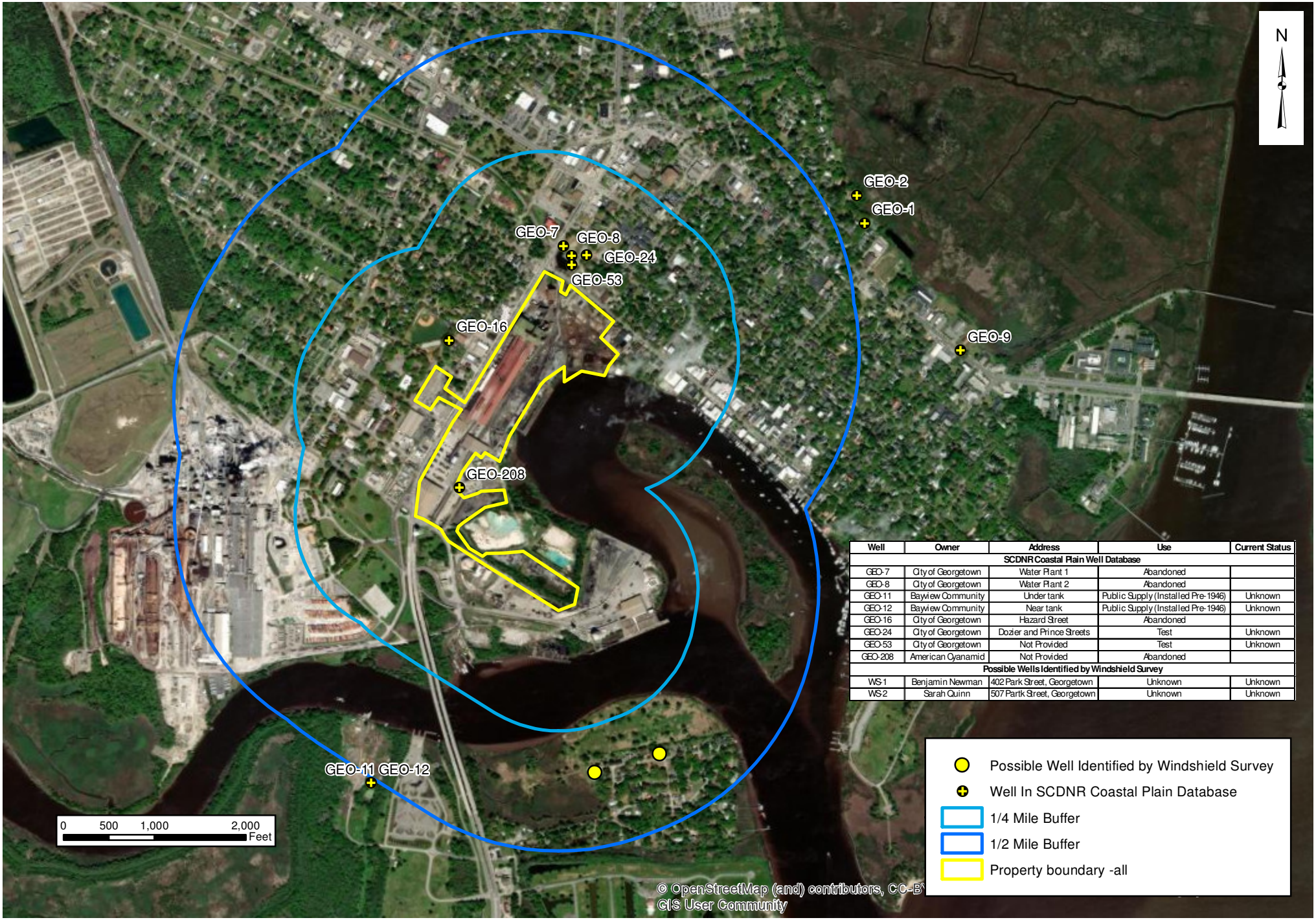


GEL Engineering, LLC
a Member of THE GEL GROUP, INC. GEL
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

MAP OF AREAS OF CONCERN AND RECS

PROJECT: RVDE00226	DATE: AUGUST 12, 2026	FIGURE 3



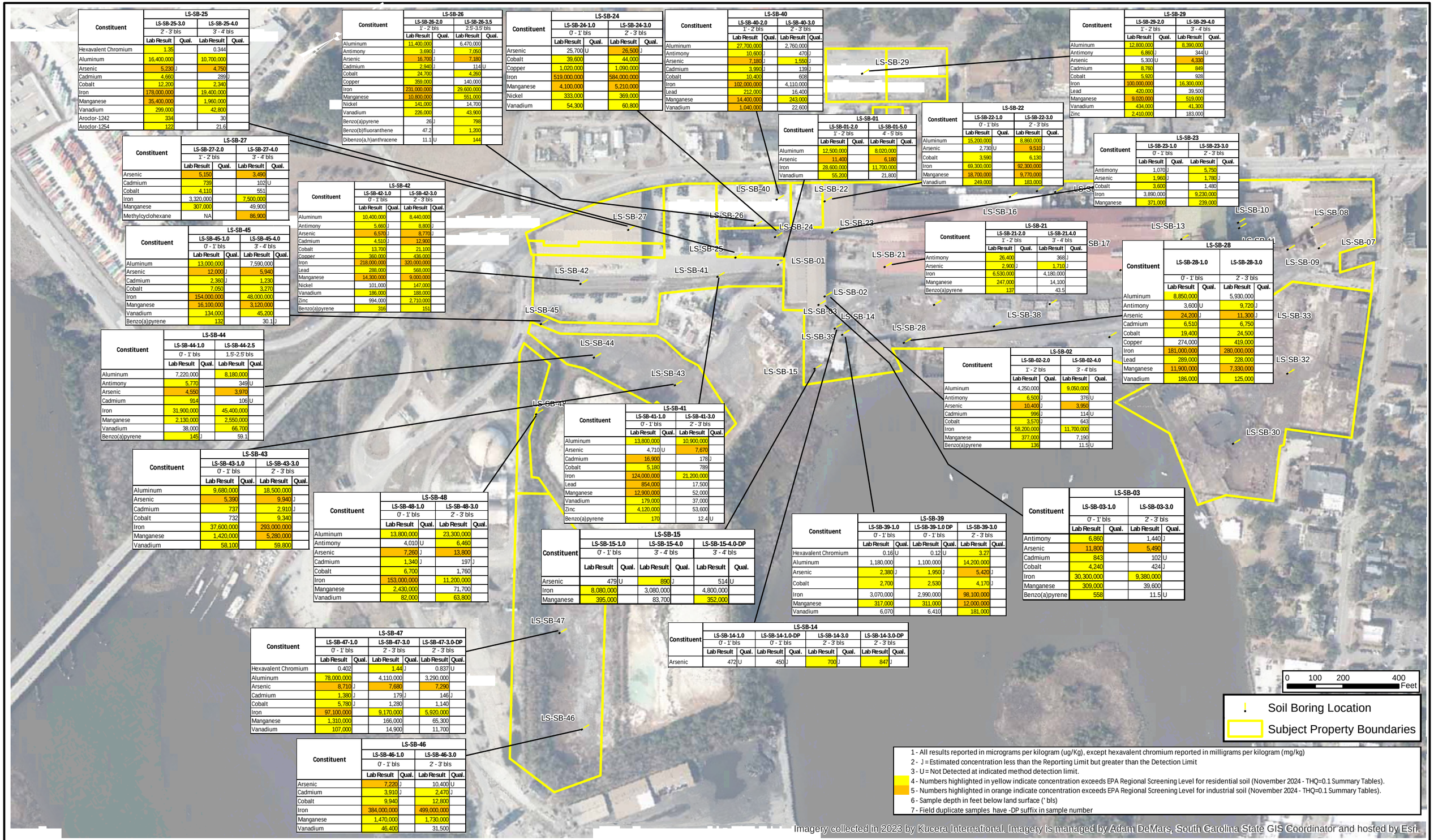
Well	Owner	Address	Use	Current Status
SCDNR Coastal Plain Well Database				
GEO-7	City of Georgetown	Water Plant 1	Abandoned	
GEO-8	City of Georgetown	Water Plant 2	Abandoned	
GEO-11	Bayview Community	Under tank	Public Supply (Installed Pre-1946)	Unknown
GEO-12	Bayview Community	Near tank	Public Supply (Installed Pre-1946)	Unknown
GEO-16	City of Georgetown	Hazard Street	Abandoned	
GEO-24	City of Georgetown	Dozier and Prince Streets	Test	Unknown
GEO-53	City of Georgetown	Not Provided	Test	Unknown
GEO-208	American Cyanamid	Not Provided	Abandoned	
Possible Wells Identified by Windshield Survey				
WS-1	Benjamin Newman	402 Park Street, Georgetown	Unknown	Unknown
WS-2	Sarah Quinn	507 Partk Street, Georgetown	Unknown	Unknown

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

WELL SURVEY MAP

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 4



LS-SB-25

Constituent	LS-SB-25-3.0 (2' - 3' bls)		LS-SB-25-4.0 (3' - 4' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	1.35		0.344	
Aluminum	16,400,000		10,700,000	
Arsenic	5,230	J	4,750	
Cadmium	4,660		289	J
Cobalt	12,200		2,340	
Iron	178,000,000		19,400,000	
Manganese	35,400,000		1,960,000	
Vanadium	299,000		42,800	
Aroclor-1242	334		30	
Aroclor-1254	122		21.6	

LS-SB-26

Constituent	LS-SB-26-2.0 (1' - 2' bls)		LS-SB-26-3.5 (2.5'-3.5' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	11,400,000		6,470,000	
Antimony	3,690	J	7,050	
Arsenic	16,700	J	7,180	
Cadmium	2,940	J	114	U
Cobalt	24,700		4,260	
Copper	359,000		140,000	
Iron	231,000,000		29,600,000	
Manganese	10,800,000		551,000	
Nickel	141,000		14,700	
Vanadium	226,000		43,900	
Benzo(a)pyrene	26	J	798	
Benzo(b)fluoranthene	47.2		1,200	
Dibenzo(a,h)anthracene	11.1	U	144	

LS-SB-24

Constituent	LS-SB-24-1.0 (0' - 1' bls)		LS-SB-24-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	25,700	U	26,500	J
Cobalt	39,600		44,000	
Copper	1,020,000		1,090,000	
Iron	519,000,000		584,000,000	
Manganese	4,100,000		5,210,000	
Nickel	333,000		369,000	
Vanadium	54,300		60,800	

LS-SB-40

Constituent	LS-SB-40-2.0 (1' - 2' bls)		LS-SB-40-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	27,700,000		2,760,000	
Antimony	10,600	J	470	J
Arsenic	7,180	J	1,550	J
Cadmium	3,990	J	139	J
Cobalt	10,400		608	
Iron	102,000,000		4,110,000	
Lead	212,000		16,400	
Manganese	14,400,000		243,000	
Vanadium	1,040,000		22,600	

LS-SB-29

Constituent	LS-SB-29-2.0 (1' - 2' bls)		LS-SB-29-4.0 (3' - 4' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	12,800,000		8,390,000	
Antimony	6,860	J	344	U
Arsenic	5,300	U	4,330	
Cadmium	8,760		849	
Cobalt	5,920		928	
Iron	100,000,000		16,300,000	
Lead	420,000		39,500	
Manganese	9,020,000		519,000	
Vanadium	434,000		41,300	
Zinc	2,410,000		183,000	

LS-SB-27

Constituent	LS-SB-27-2.0 (1' - 2' bls)		LS-SB-27-4.0 (3' - 4' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	5,150		3,490	
Cadmium	739		102	U
Cobalt	4,110		551	
Iron	3,320,000		7,500,000	
Manganese	307,000		49,900	
Methylcyclohexane	NA		86,900	

LS-SB-01

Constituent	LS-SB-01-2.0 (1' - 2' bls)		LS-SB-01-5.0 (4' - 5' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	12,500,000		8,020,000	
Arsenic	11,400		6,180	
Iron	28,600,000		11,700,000	
Vanadium	55,200		21,800	

LS-SB-22

Constituent	LS-SB-22-1.0 (0' - 1' bls)		LS-SB-22-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	15,200,000		8,860,000	
Arsenic	2,730	U	9,510	J
Cobalt	3,590		6,130	
Iron	69,300,000		92,300,000	
Manganese	18,700,000		9,770,000	
Vanadium	249,000		183,000	

LS-SB-23

Constituent	LS-SB-23-1.0 (0' - 1' bls)		LS-SB-23-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Antimony	1,070	J	5,750	
Arsenic	1,960	J	1,780	J
Cobalt	3,600		1,480	
Iron	3,890,000		9,230,000	
Manganese	371,000		239,000	

LS-SB-42

Constituent	LS-SB-42-1.0 (0' - 1' bls)		LS-SB-42-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	10,400,000		8,440,000	
Antimony	5,660	J	8,800	J
Arsenic	6,570	J	8,770	J
Cadmium	4,510	J	12,900	
Cobalt	13,700		21,100	
Copper	360,000		436,000	
Iron	218,000,000		320,000,000	
Lead	288,000		568,000	
Manganese	14,300,000		9,000,000	
Nickel	101,000		147,000	
Vanadium	186,000		188,000	
Zinc	994,000		2,710,000	
Benzo(a)pyrene	316		151	

LS-SB-21

Constituent	LS-SB-21-2.0 (1' - 2' bls)		LS-SB-21.4.0 (3' - 4' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Antimony	26,400		368	J
Arsenic	2,900	J	1,710	J
Iron	6,530,000		4,180,000	
Manganese	247,000		14,100	
Benzo(a)pyrene	137		43.5	

LS-SB-28

Constituent	LS-SB-28-1.0 (0' - 1' bls)		LS-SB-28-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	8,850,000		5,930,000	
Antimony	3,600	U	9,720	J
Arsenic	24,200	J	11,300	J
Cadmium	6,510		6,750	
Cobalt	19,400		24,500	
Copper	274,000		419,000	
Iron	181,000,000		280,000,000	
Lead	289,000		228,000	
Manganese	11,900,000		7,330,000	
Vanadium	186,000		125,000	

LS-SB-45

Constituent	LS-SB-45-1.0 (0' - 1' bls)		LS-SB-45-4.0 (3' - 4' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	13,000,000		7,590,000	
Arsenic	12,000	J	5,940	
Cadmium	2,360	J	1,230	
Cobalt	7,050		3,270	
Iron	154,000,000		48,000,000	
Manganese	16,100,000		3,120,000	
Vanadium	134,000		45,200	
Benzo(a)pyrene	132		30.1	U

LS-SB-44

Constituent	LS-SB-44-1.0 (0' - 1' bls)		LS-SB-44-2.5 (1.5'-2.5' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	7,220,000		8,180,000	
Antimony	5,770		349	U
Arsenic	4,550		3,970	
Cadmium	914		106	U
Iron	31,900,000		45,400,000	
Manganese	2,130,000		2,550,000	
Vanadium	38,000		66,700	
Benzo(a)pyrene	145	J	59.1	

LS-SB-41

Constituent	LS-SB-41-1.0 (0' - 1' bls)		LS-SB-41-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	13,800,000		10,900,000	
Arsenic	4,710	U	7,670	
Cadmium	16,900		178	J
Cobalt	5,180		789	
Iron	124,000,000		21,200,000	
Lead	854,000		17,500	
Manganese	12,900,000		52,000	
Vanadium	179,000		37,000	
Zinc	4,120,000		53,600	
Benzo(a)pyrene	170		12.4	U

LS-SB-02

Constituent	LS-SB-02-2.0 (1' - 2' bls)		LS-SB-02-4.0 (3' - 4' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	4,250,000		9,050,000	
Antimony	6,500	J	376	U
Arsenic	10,400	J	3,950	
Cadmium	996	J	114	U
Cobalt	3,570	J	643	
Iron	58,200,000		11,700,000	
Manganese	377,000		7,190	
Benzo(a)pyrene	136		11.5	U

LS-SB-43

Constituent	LS-SB-43-1.0 (0' - 1' bls)		LS-SB-43-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	9,680,000		18,500,000	
Arsenic	5,390		9,940	J
Cadmium	737		2,910	J
Cobalt	732		9,340	
Iron	37,600,000		293,000,000	
Manganese	1,420,000		5,280,000	
Vanadium	58,100		59,800	

LS-SB-48

Constituent	LS-SB-48-1.0 (0' - 1' bls)		LS-SB-48-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	13,800,000		23,300,000	
Antimony	4,010	U	6,460	
Arsenic	7,260	J	13,800	
Cadmium	1,340	J	197	J
Cobalt	6,700		1,760	
Iron	153,000,000		11,200,000	
Manganese	2,430,000		71,700	
Vanadium	82,000		63,800	

LS-SB-15

Constituent	LS-SB-15-1.0 (0' - 1' bls)		LS-SB-15-4.0 (3' - 4' bls)		LS-SB-15-4.0-DP (3' - 4' bls)	
	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Arsenic	479	U	890	J	514	U
Iron	8,080,000		3,080,000		4,800,000	
Manganese	395,000		83,700		352,000	

LS-SB-39

Constituent	LS-SB-39-1.0 (0' - 1' bls)		LS-SB-39-1.0 DP (0' - 1' bls)		LS-SB-39-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	0.16	U	0.12	U	3.27	
Aluminum	1,180,000		1,100,000		14,200,000	
Arsenic	2,380	J	1,950	J	5,420	J
Cobalt	2,700		2,530		4,170	J
Iron	3,070,000		2,990,000		98,100,000	
Manganese	317,000		311,000		12,000,000	
Vanadium	6,070		6,410		181,000	

LS-SB-03

Constituent	LS-SB-03-1.0 (0' - 1' bls)		LS-SB-03-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Antimony	6,860		1,440	J
Arsenic	11,800		5,490	
Cadmium	843		102	U
Cobalt	4,240		424	J
Iron	30,300,000		9,380,000	
Manganese	309,000		39,600	
Benzo(a)pyrene	558		11.5	U

LS-SB-47

Constituent	LS-SB-47-1.0 (0' - 1' bls)		LS-SB-47-3.0 (2' - 3' bls)		LS-SB-47-3.0-DP (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	0.402		1.44	J	0.837	U
Aluminum	78,000,000		4,110,000		3,290,000	
Arsenic	8,710	J	7,680		7,290	
Cadmium	1,380	J	179	J	146	J
Cobalt	5,780	J	1,280		1,140	
Iron	97,100,000		9,170,000		5,920,000	
Manganese	1,310,000		166,000		65,300	
Vanadium	107,000		14,900		11,700	

LS-SB-14

Constituent	LS-SB-14-1.0 (0' - 1' bls)		LS-SB-14-1.0-DP (0' - 1' bls)		LS-SB-14-3.0 (2' - 3' bls)		LS-SB-14-3.0-DP (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Arsenic	472	U	450	J	700	J	847	J

LS-SB-46

Constituent	LS-SB-46-1.0 (0' - 1' bls)		LS-SB-46-3.0 (2' - 3' bls)	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	7,220	J	10,400	U
Cadmium	3,910	J	2,470	J
Cobalt	9,940		12,800	
Iron	384,000,000		499,000,000	
Manganese	1,470,000		1,730,000	
Vanadium	46,400		31,500	

1 - All results reported in micrograms per kilogram (ug/Kg), except hexavalent chromium reported in milligrams per kilogram (mg/kg)
2 - J = Estimated concentration less than the Reporting Limit but greater than the Detection Limit
3 - U = Not Detected at indicated method detection limit.
4 - Numbers highlighted in yellow indicate concentration exceeds EPA Regional Screening Level for residential soil (November 2024 - THQ=0.1 Summary Tables).
5 - Numbers highlighted in orange indicate concentration exceeds EPA Regional Screening Level for industrial soil (November 2024 - THQ=0.1 Summary Tables).
6 - Sample depth in feet below land surface (' bls)
7 - Field duplicate samples have -DP suffix in sample number

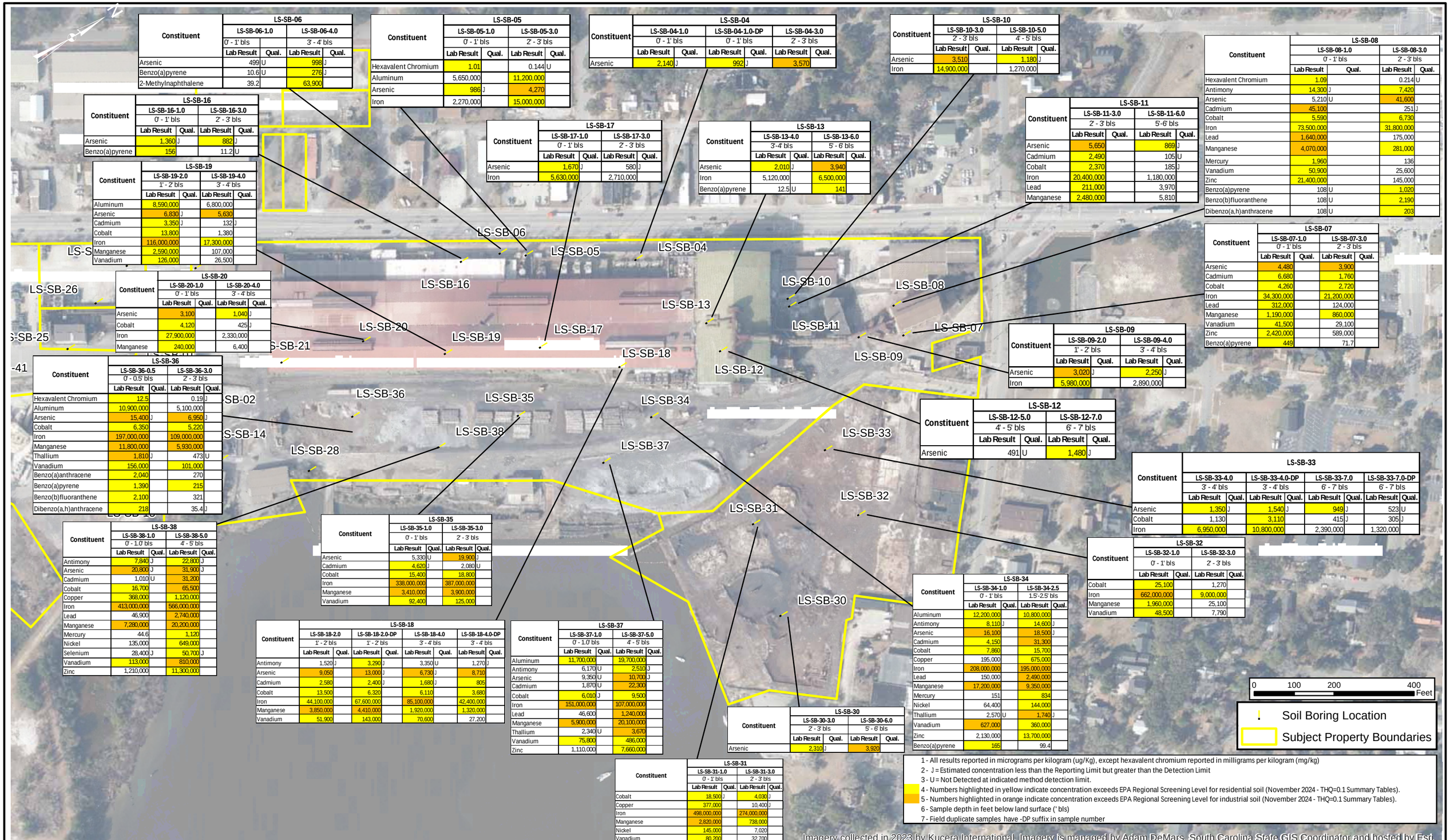
Imagery collected in 2023 by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by Esri.

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

SOIL SAMPLE LOCATIONS WITH CONSTITUENTS EXCEEDING SCREENING LEVELS - MAP 1

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 5



Constituent	LS-SB-06			
	LS-SB-06-1.0		LS-SB-06-4.0	
	0' - 1' bls		3' - 4' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	499	U	998	J
Benzo(a)pyrene	10.6	U	276	J
2-Methylnaphthalene	39.2		63,900	

Constituent	LS-SB-05			
	LS-SB-05-1.0		LS-SB-05-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	1.01		0.144	U
Aluminum	5,650,000		11,200,000	
Arsenic	986	J	4,270	
Iron	2,270,000		15,000,000	

Constituent	LS-SB-04					
	LS-SB-04-1.0		LS-SB-04-1.0-DP		LS-SB-04-3.0	
	0' - 1' bls		0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Arsenic	2,140	J	992	J	3,570	

Constituent	LS-SB-10			
	LS-SB-10-3.0		LS-SB-10-5.0	
	2' - 3' bls		4' - 5' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	3,510		1,180	J
Iron	14,900,000		1,270,000	

Constituent	LS-SB-08			
	LS-SB-08-1.0		LS-SB-08-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	1.09		0.214	U
Antimony	14,300	J	7,420	
Arsenic	5,210	U	41,600	
Cadmium	45,100		251	J
Cobalt	5,590		6,730	
Iron	73,500,000		31,800,000	
Lead	1,640,000		175,000	
Manganese	4,070,000		281,000	
Mercury	1,960		136	
Vanadium	50,900		25,600	
Zinc	21,400,000		145,000	
Benzo(a)pyrene	108	U	1,020	
Benzo(b)fluoranthene	108	U	2,190	
Dibenzo(a,h)anthracene	108	U	203	

Constituent	LS-SB-16			
	LS-SB-16-1.0		LS-SB-16-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	1,360	J	882	J
Benzo(a)pyrene	156		11.2	U

Constituent	LS-SB-17			
	LS-SB-17-1.0		LS-SB-17-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	1,670	J	580	J
Iron	5,630,000		2,710,000	

Constituent	LS-SB-13			
	LS-SB-13-4.0		LS-SB-13-6.0	
	3'-4' bls		5' - 6' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	2,010	J	3,940	
Iron	5,120,000		6,500,000	
Benzo(a)pyrene	12.5	U	141	

Constituent	LS-SB-11			
	LS-SB-11-3.0		LS-SB-11-6.0	
	2' - 3' bls		5'-6' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	5,650		869	J
Cadmium	2,490		105	U
Cobalt	2,370		185	J
Iron	20,400,000		1,180,000	
Lead	211,000		3,970	
Manganese	2,480,000		5,810	

Constituent	LS-SB-19			
	LS-SB-19-2.0		LS-SB-19-4.0	
	1' - 2' bls		3' - 4' bls	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	8,590,000		6,800,000	
Arsenic	6,830	J	5,630	
Cadmium	3,350	J	132	J
Cobalt	13,800		1,380	
Iron	116,000,000		17,300,000	
Manganese	2,590,000		107,000	
Vanadium	126,000		26,500	

Constituent	LS-SB-20			
	LS-SB-20-1.0		LS-SB-20-4.0	
	0' - 1' bls		3' - 4' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	3,100		1,040	J
Cobalt	4,120		425	J
Iron	27,900,000		2,330,000	
Manganese	240,000		6,400	

Constituent	LS-SB-09			
	LS-SB-09-2.0		LS-SB-09-4.0	
	1' - 2' bls		3' - 4' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	3,020	J	2,250	J
Iron	5,980,000		2,890,000	

Constituent	LS-SB-07			
	LS-SB-07-1.0		LS-SB-07-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	4,480		3,900	
Cadmium	6,680		1,760	
Cobalt	4,260		2,720	
Iron	34,300,000		21,200,000	
Lead	312,000		124,000	
Manganese	1,190,000		860,000	
Vanadium	41,500		29,100	
Zinc	2,420,000		589,000	
Benzo(a)pyrene	449		71.7	

Constituent	LS-SB-36			
	LS-SB-36-0.5		LS-SB-36-3.0	
	0' - 0.5' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	12.5		0.19	J
Aluminum	10,900,000		5,100,000	
Arsenic	15,400	J	6,950	J
Cobalt	6,350		5,220	
Iron	197,000,000		109,000,000	
Manganese	11,800,000		5,930,000	
Thallium	1,810	J	473	U
Vanadium	156,000		101,000	
Benzo(a)anthracene	2,040		270	
Benzo(a)pyrene	1,390		215	
Benzo(b)fluoranthene	2,100		321	
Dibenzo(a,h)anthracene	218		35.4	J

Constituent	LS-SB-12			
	LS-SB-12-5.0		LS-SB-12-7.0	
	4' - 5' bls		6' - 7' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	491	U	1,480	J

Constituent	LS-SB-33							
	LS-SB-33-4.0		LS-SB-33-4.0-DP		LS-SB-33-7.0		LS-SB-33-7.0-DP	
	3' - 4' bls		3' - 4' bls		6' - 7' bls		6' - 7' bls	
	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Arsenic	1,350	J	1,540	J	949	J	523	U
Cobalt	1,130		3,110		415	J	305	J
Iron	6,950,000		10,800,000		2,390,000		1,320,000	

Constituent	LS-SB-38			
	LS-SB-38-1.0		LS-SB-38-5.0	
	0' - 1.0' bls		4' - 5' bls	
	Lab Result	Qual.	Lab Result	Qual.
Antimony	7,840	J	22,800	J
Arsenic	20,800	J	31,900	J
Cadmium	1,010	U	31,200	
Cobalt	16,700		65,500	
Copper	368,000		1,120,000	
Iron	413,000,000		566,000,000	
Lead	46,900		2,740,000	
Manganese	7,280,000		20,200,000	
Mercury	44.6		1,120	
Nickel	135,000		649,000	
Selenium	28,400	J	50,700	J
Vanadium	113,000		810,000	
Zinc	1,210,000		11,300,000	

Constituent	LS-SB-35			
	LS-SB-35-1.0		LS-SB-35-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	5,330	U	19,900	J
Cadmium	4,620	J	2,080	U
Cobalt	15,400		18,800	
Iron	338,000,000		387,000,000	
Manganese	3,410,000		3,900,000	
Vanadium	92,400		125,000	

Constituent	LS-SB-32			
	LS-SB-32-1.0		LS-SB-32-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Cobalt	25,100		1,270	
Iron	662,000,000		9,000,000	
Manganese	1,960,000		25,100	
Vanadium	48,500		7,790	

Constituent	LS-SB-34			
	LS-SB-34-1.0		LS-SB-34-2.5	
	0' - 1' bls		1.5'-2.5' bls	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	12,200,000		10,800,000	
Antimony	8,110	J	14,600	J
Arsenic	16,100		18,500	J
Cadmium	4,150		31,300	
Cobalt	7,860		15,700	
Copper	195,000		675,000	
Iron	208,000,000		195,000,000	
Lead	150,000		2,490,000	
Manganese	17,200,000		9,350,000	
Mercury	151		834	
Nickel	64,400		144,000	
Thallium	2,570	U	1,740	J
Vanadium	627,000		360,000	
Zinc	2,130,000		13,700,000	
Benzo(a)pyrene	165		99.4	

Constituent	LS-SB-18							
	LS-SB-18-2.0		LS-SB-18-2.0-DP		LS-SB-18-4.0		LS-SB-18-4.0-DP	
	1' - 2' bls		1' - 2' bls		3' - 4' bls		3' - 4' bls	
	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Antimony	1,520	J	3,290	J	3,350	U	1,270	J
Arsenic	9,050		13,000	J	6,730	J	8,710	
Cadmium	2,580		2,400	J	1,680	J	805	
Cobalt	13,500		6,320		6,110		3,680	
Iron	44,100,000		67,600,000		85,100,000		42,400,000	
Manganese	3,850,000		4,410,000		1,920,000		1,320,000	
Vanadium	51,900		143,000		70,600		27,200	

Constituent	LS-SB-37			
	LS-SB-37-1.0		LS-SB-37-5.0	
	0' - 1.0' bls		4' - 5' bls	
	Lab Result	Qual.	Lab Result	Qual.
Aluminum	11,700,000		19,700,000	
Antimony	6,170	U	2,510	J
Arsenic	9,350	U	10,700	J
Cadmium	1,870	U	22,300	
Cobalt	6,010	J	9,500	
Iron	151,000,000		107,000,000	
Lead	46,600		1,240,000	
Manganese	5,900,000		20,100,000	
Thallium	2,340	U	3,670	
Vanadium	75,800		486,000	
Zinc	1,110,000		7,660,000	

Constituent	LS-SB-30			
	LS-SB-30-3.0		LS-SB-30-6.0	
	2' - 3' bls		5' - 6' bls	
	Lab Result	Qual.	Lab Result	Qual.
Arsenic	2,310	J	3,920	

Constituent	LS-SB-31			
	LS-SB-31-1.0		LS-SB-31-3.0	
	0' - 1' bls		2' - 3' bls	
	Lab Result	Qual.	Lab Result	Qual.
Cobalt	18,500	J	4,030	J
Copper	377,000		10,400	J
Iron	498,000,000		274,000,000	
Manganese	2,820,000		738,000	
Nickel	145,000		7,020	
Vanadium	80,200		32,700	

1 - All results reported in micrograms per kilogram (ug/Kg), except hexavalent chromium reported in milligrams per kilogram (mg/kg)
2 - J = Estimated concentration less than the Reporting Limit but greater than the Detection Limit
3 - U = Not Detected at indicated method detection limit.
4 - Numbers highlighted in yellow indicate concentration exceeds EPA Regional Screening Level for residential soil (November 2024 - THQ=0.1 Summary Tables).
5 - Numbers highlighted in orange indicate concentration exceeds EPA Regional Screening Level for industrial soil (November 2024 - THQ=0.1 Summary Tables).
6 - Sample depth in feet below land surface (' bls)
7 - Field duplicate samples have -DP suffix in sample number

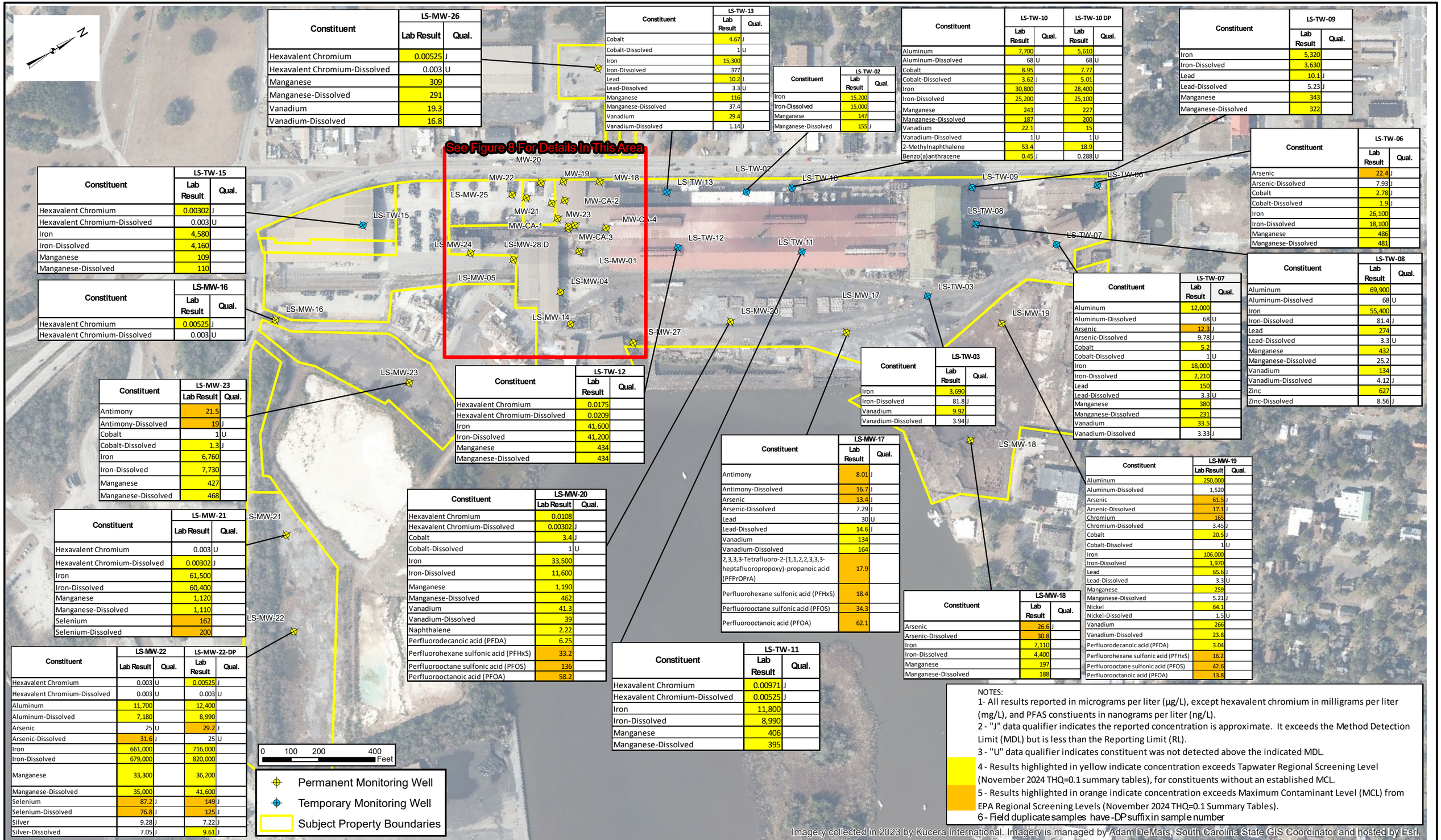
Imagery collected in 2023 by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by Esri.

GEL Engineering, LLC
a Member of THE GEL GROUP, INC. GEL
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

SOIL SAMPLE LOCATIONS WITH CONSTITUENTS EXCEEDING SCREENING LEVELS - MAP 2

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 6



Constituent	LS-MW-26 Lab Result	Qual.
Hexavalent Chromium	0.00525	J
Hexavalent Chromium-Dissolved	0.003	U
Manganese	309	
Manganese-Dissolved	291	
Vanadium	19.3	
Vanadium-Dissolved	16.8	

Constituent	LS-TW-13 Lab Result	Qual.
Cobalt	4.67	J
Cobalt-Dissolved	1	U
Iron	15,300	
Iron-Dissolved	377	
Lead	10.2	J
Lead-Dissolved	3.3	U
Manganese	116	
Manganese-Dissolved	37.4	
Vanadium	29.4	
Vanadium-Dissolved	1.14	J

Constituent	LS-TW-02 Lab Result	Qual.
Iron	15,200	
Iron-Dissolved	15,000	
Manganese	147	
Manganese-Dissolved	155	J

Constituent	LS-TW-10 Lab Result	Qual.	LS-TW-10 DP Lab Result	Qual.
Aluminum	7,700		5,610	
Aluminum-Dissolved	68	U	68	U
Cobalt	8.95		7.77	
Cobalt-Dissolved	3.62	J	5.01	
Iron	30,800		28,400	
Iron-Dissolved	25,200		25,100	
Manganese	243		227	
Manganese-Dissolved	187		200	
Vanadium	22.1		15	
Vanadium-Dissolved	1	U	1	U
2-Methylnaphthalene	53.4		18.9	
Benzo(a)anthracene	0.45	J	0.288	U

Constituent	LS-TW-09 Lab Result	Qual.
Iron	5,320	
Iron-Dissolved	3,630	
Lead	10.1	J
Lead-Dissolved	5.23	J
Manganese	343	
Manganese-Dissolved	322	

Constituent	LS-TW-06 Lab Result	Qual.
Arsenic	22.4	J
Arsenic-Dissolved	7.93	J
Cobalt	2.78	J
Cobalt-Dissolved	1.9	J
Iron	26,100	
Iron-Dissolved	18,100	
Manganese	486	
Manganese-Dissolved	481	

Constituent	LS-TW-15 Lab Result	Qual.
Hexavalent Chromium	0.00302	J
Hexavalent Chromium-Dissolved	0.003	U
Iron	4,580	
Iron-Dissolved	4,160	
Manganese	109	
Manganese-Dissolved	110	

Constituent	LS-MW-16 Lab Result	Qual.
Hexavalent Chromium	0.00525	J
Hexavalent Chromium-Dissolved	0.003	U

Constituent	LS-TW-12 Lab Result	Qual.
Hexavalent Chromium	0.0175	
Hexavalent Chromium-Dissolved	0.0209	
Iron	41,600	
Iron-Dissolved	41,200	
Manganese	434	
Manganese-Dissolved	434	

Constituent	LS-TW-03 Lab Result	Qual.
Iron	3,690	
Iron-Dissolved	81.8	J
Vanadium	9.92	
Vanadium-Dissolved	3.94	J

Constituent	LS-TW-07 Lab Result	Qual.
Aluminum	12,000	
Aluminum-Dissolved	68	U
Arsenic	12.3	J
Arsenic-Dissolved	9.78	J
Cobalt	5.2	
Cobalt-Dissolved	1	U
Iron	18,000	
Iron-Dissolved	2,210	
Lead	150	
Lead-Dissolved	3.3	U
Manganese	380	
Manganese-Dissolved	231	
Vanadium	33.5	
Vanadium-Dissolved	3.33	J

Constituent	LS-TW-08 Lab Result	Qual.
Aluminum	69,900	
Aluminum-Dissolved	68	U
Iron	55,400	
Iron-Dissolved	81.4	J
Lead	274	
Lead-Dissolved	3.3	U
Manganese	432	
Manganese-Dissolved	25.2	
Vanadium	134	
Vanadium-Dissolved	4.12	J
Zinc	627	
Zinc-Dissolved	8.56	J

Constituent	LS-MW-23 Lab Result	Qual.
Antimony	21.5	
Antimony-Dissolved	19	J
Cobalt	1	U
Cobalt-Dissolved	1.3	J
Iron	6,760	
Iron-Dissolved	7,730	
Manganese	427	
Manganese-Dissolved	468	

Constituent	LS-MW-17 Lab Result	Qual.
Antimony	8.01	J
Antimony-Dissolved	16.7	J
Arsenic	13.4	J
Arsenic-Dissolved	7.29	J
Lead	30	U
Lead-Dissolved	14.6	J
Vanadium	134	
Vanadium-Dissolved	164	
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (PFPrOPrA)	17.9	
Perfluorohexane sulfonic acid (PFHxS)	18.4	
Perfluorooctane sulfonic acid (PFOS)	34.3	
Perfluorooctanoic acid (PFOA)	62.1	

Constituent	LS-MW-19 Lab Result	Qual.
Aluminum	250,000	
Aluminum-Dissolved	1,520	
Arsenic	61.5	J
Arsenic-Dissolved	17.1	J
Chromium	165	
Chromium-Dissolved	3.45	J
Cobalt	20.5	J
Cobalt-Dissolved	1	U
Iron	106,000	
Iron-Dissolved	1,970	
Lead	65.6	J
Lead-Dissolved	3.3	U
Manganese	259	
Manganese-Dissolved	5.21	J
Nickel	64.1	
Nickel-Dissolved	1.5	U
Vanadium	266	
Vanadium-Dissolved	23.8	
Perfluorodecanoic acid (PFDA)	3.04	
Perfluorohexane sulfonic acid (PFHxS)	16.2	
Perfluorooctane sulfonic acid (PFOS)	42.6	
Perfluorooctanoic acid (PFOA)	13.8	

Constituent	LS-MW-21 Lab Result	Qual.
Hexavalent Chromium	0.003	U
Hexavalent Chromium-Dissolved	0.00302	J
Iron	61,500	
Iron-Dissolved	60,400	
Manganese	1,120	
Manganese-Dissolved	1,110	
Selenium	162	
Selenium-Dissolved	200	

Constituent	LS-MW-20 Lab Result	Qual.
Hexavalent Chromium	0.0108	
Hexavalent Chromium-Dissolved	0.00302	J
Cobalt	3.4	J
Cobalt-Dissolved	1	U
Iron	33,500	
Iron-Dissolved	11,600	
Manganese	1,190	
Manganese-Dissolved	462	
Vanadium	41.3	
Vanadium-Dissolved	39	
Naphthalene	2.22	
Perfluorodecanoic acid (PFDA)	6.25	
Perfluorohexane sulfonic acid (PFHxS)	33.2	
Perfluorooctane sulfonic acid (PFOS)	136	
Perfluorooctanoic acid (PFOA)	58.2	

Constituent	LS-MW-22 Lab Result	Qual.	LS-MW-22-DP Lab Result	Qual.
Hexavalent Chromium	0.003	U	0.00525	J
Hexavalent Chromium-Dissolved	0.003	U	0.003	U
Aluminum	11,700		12,400	
Aluminum-Dissolved	7,180		8,990	
Arsenic	25	U	29.2	J
Arsenic-Dissolved	31.6	J	25	U
Iron	661,000		716,000	
Iron-Dissolved	679,000		820,000	
Manganese	33,300		36,200	
Manganese-Dissolved	35,000		41,600	
Selenium	87.2	J	149	J
Selenium-Dissolved	76.8	J	125	J
Silver	9.28	J	7.22	J
Silver-Dissolved	7.05	J	9.61	J

Constituent	LS-TW-11 Lab Result	Qual.
Hexavalent Chromium	0.00971	J
Hexavalent Chromium-Dissolved	0.00525	J
Iron	11,800	
Iron-Dissolved	8,990	
Manganese	406	
Manganese-Dissolved	395	

Constituent	LS-MW-18 Lab Result	Qual.
Arsenic	26.6	J
Arsenic-Dissolved	30.8	
Iron	7,110	
Iron-Dissolved	4,400	
Manganese	197	
Manganese-Dissolved	188	

NOTES:
1- All results reported in micrograms per liter (µg/L), except hexavalent chromium in milligrams per liter (mg/L), and PFAS constiuents in nanograms per liter (ng/L).
2 - "J" data qualifier indicates the reported concentration is approximate. It exceeds the Method Detection Limit (MDL) but is less than the Reporting Limit (RL).
3 - "U" data qualifier indicates constituent was not detected above the indicated MDL.
4 - Results highlighted in yellow indicate concentration exceeds Tapwater Regional Screening Level (November 2024 THQ=0.1 summary tables), for constituents without an established MCL.
5 - Results highlighted in orange indicate concentration exceeds Maximum Contaminant Level (MCL) from EPA Regional Screening Levels (November 2024 THQ=0.1 Summary Tables).
6 - Field duplicate samples have -DP suffix in sample number

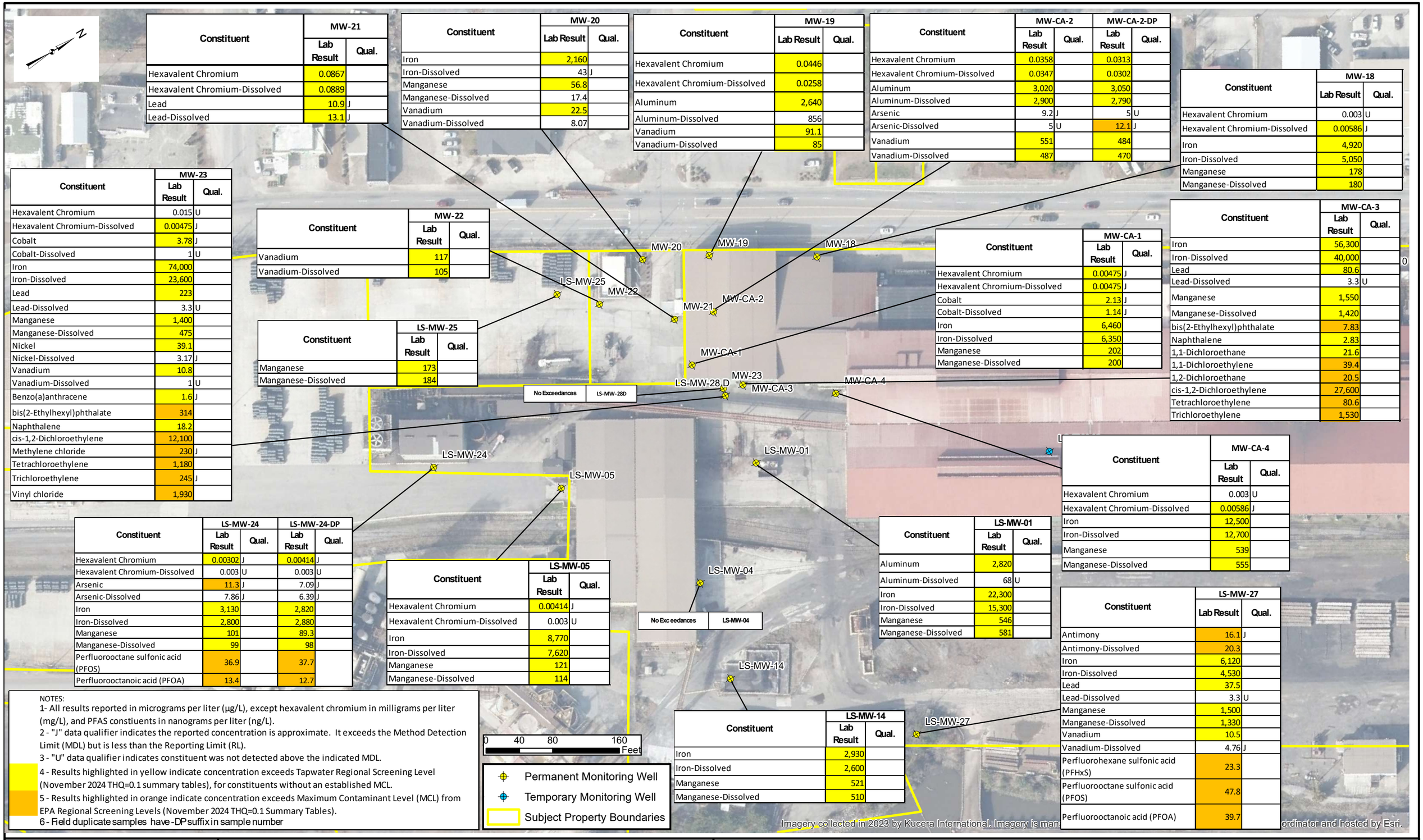
Imagery collected in 2023 by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by Esri.

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

VCC BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

GROUNDWATER SAMPLE LOCATIONS WITH CONSTITUENTS EXCEEDING SCREENING LEVELS

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 7



Constituent	MW-21 Lab Result	MW-21 Qual.
Hexavalent Chromium	0.0867	
Hexavalent Chromium-Dissolved	0.0889	
Lead	10.9	J
Lead-Dissolved	13.1	J

Constituent	MW-20 Lab Result	MW-20 Qual.
Iron	2,160	
Iron-Dissolved	43	J
Manganese	56.8	
Manganese-Dissolved	17.4	
Vanadium	22.5	
Vanadium-Dissolved	8.07	

Constituent	MW-19 Lab Result	MW-19 Qual.
Hexavalent Chromium	0.0446	
Hexavalent Chromium-Dissolved	0.0258	
Aluminum	2,640	
Aluminum-Dissolved	856	
Vanadium	91.1	
Vanadium-Dissolved	85	

Constituent	MW-CA-2 Lab Result	MW-CA-2 Qual.	MW-CA-2-DP Lab Result	MW-CA-2-DP Qual.
Hexavalent Chromium	0.0358		0.0313	
Hexavalent Chromium-Dissolved	0.0347		0.0302	
Aluminum	3,020		3,050	
Aluminum-Dissolved	2,900		2,790	
Arsenic	9.2	J	5	U
Arsenic-Dissolved	5	U	12.1	J
Vanadium	551		484	
Vanadium-Dissolved	487		470	

Constituent	MW-18 Lab Result	MW-18 Qual.
Hexavalent Chromium	0.003	U
Hexavalent Chromium-Dissolved	0.00586	J
Iron	4,920	
Iron-Dissolved	5,050	
Manganese	178	
Manganese-Dissolved	180	

Constituent	MW-23 Lab Result	MW-23 Qual.
Hexavalent Chromium	0.015	U
Hexavalent Chromium-Dissolved	0.00475	J
Cobalt	3.78	J
Cobalt-Dissolved	1	U
Iron	74,000	
Iron-Dissolved	23,600	
Lead	223	
Lead-Dissolved	3.3	U
Manganese	1,400	
Manganese-Dissolved	475	
Nickel	39.1	
Nickel-Dissolved	3.17	J
Vanadium	10.8	
Vanadium-Dissolved	1	U
Benzo(a)anthracene	1.6	J
bis(2-Ethylhexyl)phthalate	314	
Naphthalene	18.2	
cis-1,2-Dichloroethylene	12,100	
Methylene chloride	230	J
Tetrachloroethylene	1,180	
Trichloroethylene	245	J
Vinyl chloride	1,930	

Constituent	MW-22 Lab Result	MW-22 Qual.
Vanadium	117	
Vanadium-Dissolved	105	

Constituent	LS-MW-25 Lab Result	LS-MW-25 Qual.
Manganese	173	
Manganese-Dissolved	184	

Constituent	MW-CA-1 Lab Result	MW-CA-1 Qual.
Hexavalent Chromium	0.00475	J
Hexavalent Chromium-Dissolved	0.00475	J
Cobalt	2.13	J
Cobalt-Dissolved	1.14	J
Iron	6,460	
Iron-Dissolved	6,350	
Manganese	202	
Manganese-Dissolved	200	

Constituent	MW-CA-3 Lab Result	MW-CA-3 Qual.
Iron	56,300	
Iron-Dissolved	40,000	
Lead	80.6	
Lead-Dissolved	3.3	U
Manganese	1,550	
Manganese-Dissolved	1,420	
bis(2-Ethylhexyl)phthalate	7.83	
Naphthalene	2.83	
1,1-Dichloroethane	21.6	
1,1-Dichloroethylene	39.4	
1,2-Dichloroethane	20.5	
cis-1,2-Dichloroethylene	27,600	
Tetrachloroethylene	80.6	
Trichloroethylene	1,530	

Constituent	MW-CA-4 Lab Result	MW-CA-4 Qual.
Hexavalent Chromium	0.003	U
Hexavalent Chromium-Dissolved	0.00586	J
Iron	12,500	
Iron-Dissolved	12,700	
Manganese	539	
Manganese-Dissolved	555	

Constituent	LS-MW-24 Lab Result	LS-MW-24 Qual.	LS-MW-24-DP Lab Result	LS-MW-24-DP Qual.
Hexavalent Chromium	0.00302	J	0.00414	J
Hexavalent Chromium-Dissolved	0.003	U	0.003	U
Arsenic	11.3	J	7.09	J
Arsenic-Dissolved	7.86	J	6.39	J
Iron	3,130		2,820	
Iron-Dissolved	2,800		2,880	
Manganese	101		89.3	
Manganese-Dissolved	99		98	
Perfluorooctane sulfonic acid (PFOS)	36.9		37.7	
Perfluorooctanoic acid (PFOA)	13.4		12.7	

Constituent	LS-MW-05 Lab Result	LS-MW-05 Qual.
Hexavalent Chromium	0.00414	J
Hexavalent Chromium-Dissolved	0.003	U
Iron	8,770	
Iron-Dissolved	7,620	
Manganese	121	
Manganese-Dissolved	114	

Constituent	LS-MW-01 Lab Result	LS-MW-01 Qual.
Aluminum	2,820	
Aluminum-Dissolved	68	U
Iron	22,300	
Iron-Dissolved	15,300	
Manganese	546	
Manganese-Dissolved	581	

Constituent	LS-MW-14 Lab Result	LS-MW-14 Qual.
Iron	2,930	
Iron-Dissolved	2,600	
Manganese	521	
Manganese-Dissolved	510	

Constituent	LS-MW-27 Lab Result	LS-MW-27 Qual.
Antimony	16.1	J
Antimony-Dissolved	20.3	
Iron	6,120	
Iron-Dissolved	4,530	
Lead	37.5	
Lead-Dissolved	3.3	U
Manganese	1,500	
Manganese-Dissolved	1,330	
Vanadium	10.5	
Vanadium-Dissolved	4.76	J
Perfluorohexane sulfonic acid (PFHxS)	23.3	
Perfluorooctane sulfonic acid (PFOS)	47.8	
Perfluorooctanoic acid (PFOA)	39.7	

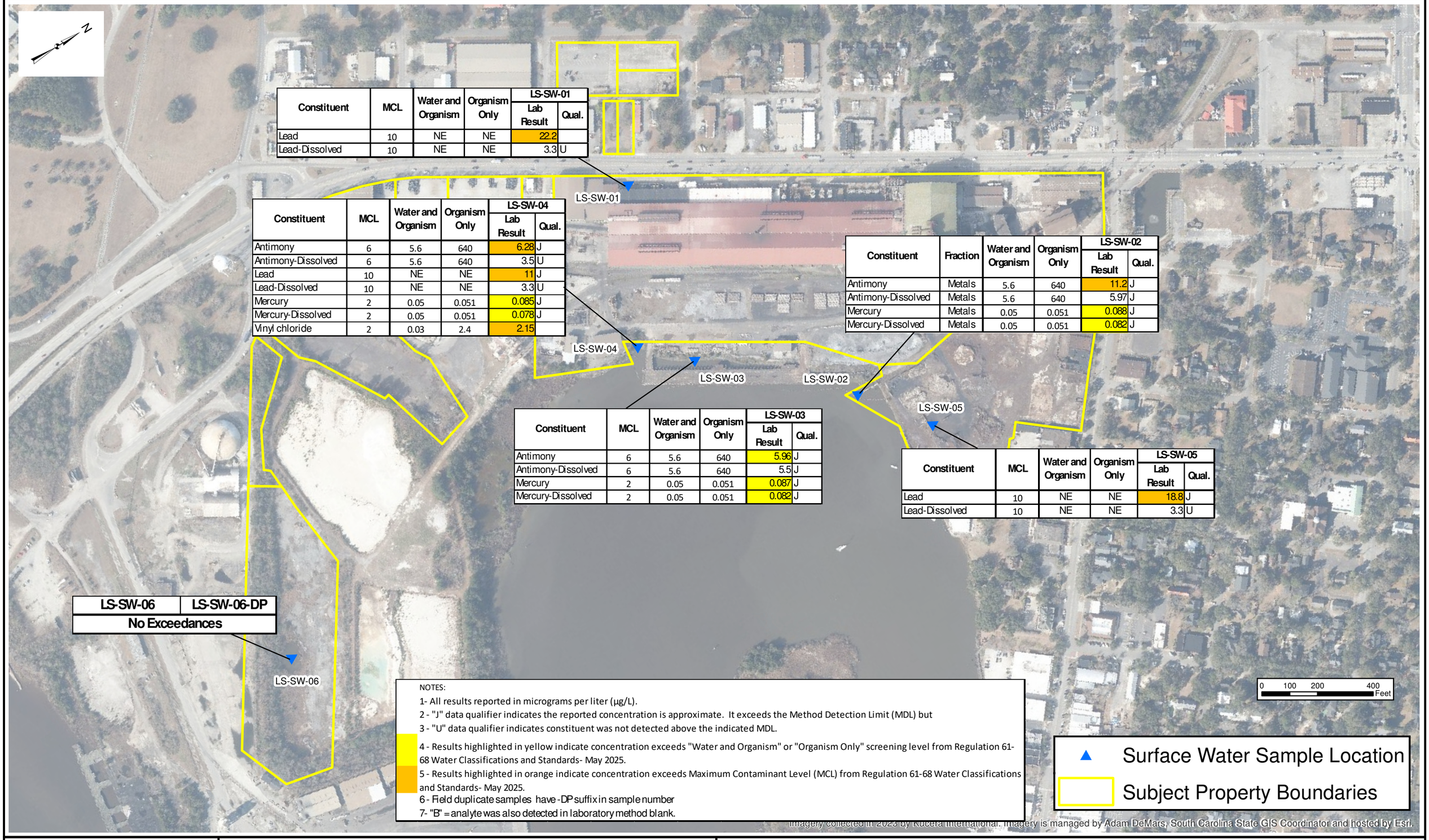
NOTES:
1- All results reported in micrograms per liter (µg/L), except hexavalent chromium in milligrams per liter (mg/L), and PFAS constiuents in nanograms per liter (ng/L).
2 - "J" data qualifier indicates the reported concentration is approximate. It exceeds the Method Detection Limit (MDL) but is less than the Reporting Limit (RL).
3 - "U" data qualifier indicates constituent was not detected above the indicated MDL.
4 - Results highlighted in yellow indicate concentration exceeds Tapwater Regional Screening Level (November 2024 THQ=0.1 summary tables), for constituents without an established MCL.
5 - Results highlighted in orange indicate concentration exceeds Maximum Contaminant Level (MCL) from EPA Regional Screening Levels (November 2024 THQ=0.1 Summary Tables).
6 - Field duplicate samples have -DP suffix in sample number

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

VCC BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

DETAILED GROUNDWATER SAMPLE LOCATIONS WITH CONSTITUENTS EXCEEDING SCREENING LEVELS

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 8



Constituent	MCL	Water and Organism	Organism Only	LS-SW-01	
				Lab Result	Qual.
Lead	10	NE	NE	22.2	
Lead-Dissolved	10	NE	NE	3.3	U

Constituent	MCL	Water and Organism	Organism Only	LS-SW-04	
				Lab Result	Qual.
Antimony	6	5.6	640	6.28	J
Antimony-Dissolved	6	5.6	640	3.5	U
Lead	10	NE	NE	11	J
Lead-Dissolved	10	NE	NE	3.3	U
Mercury	2	0.05	0.051	0.085	J
Mercury-Dissolved	2	0.05	0.051	0.078	J
Vinyl chloride	2	0.03	2.4	2.15	

Constituent	Fraction	Water and Organism	Organism Only	LS-SW-02	
				Lab Result	Qual.
Antimony	Metals	5.6	640	11.2	J
Antimony-Dissolved	Metals	5.6	640	5.97	J
Mercury	Metals	0.05	0.051	0.088	J
Mercury-Dissolved	Metals	0.05	0.051	0.082	J

Constituent	MCL	Water and Organism	Organism Only	LS-SW-03	
				Lab Result	Qual.
Antimony	6	5.6	640	5.96	J
Antimony-Dissolved	6	5.6	640	5.5	J
Mercury	2	0.05	0.051	0.087	J
Mercury-Dissolved	2	0.05	0.051	0.082	J

Constituent	MCL	Water and Organism	Organism Only	LS-SW-05	
				Lab Result	Qual.
Lead	10	NE	NE	18.8	J
Lead-Dissolved	10	NE	NE	3.3	U

LS-SW-06	LS-SW-06-DP
No Exceedances	

NOTES:
1- All results reported in micrograms per liter (µg/L).
2 - "J" data qualifier indicates the reported concentration is approximate. It exceeds the Method Detection Limit (MDL) but
3 - "U" data qualifier indicates constituent was not detected above the indicated MDL.
4 - Results highlighted in yellow indicate concentration exceeds "Water and Organism" or "Organism Only" screening level from Regulation 61-68 Water Classifications and Standards- May 2025.
5 - Results highlighted in orange indicate concentration exceeds Maximum Contaminant Level (MCL) from Regulation 61-68 Water Classifications and Standards- May 2025.
6 - Field duplicate samples have -DP suffix in sample number
7- "B" = analyte was also detected in laboratory method blank.

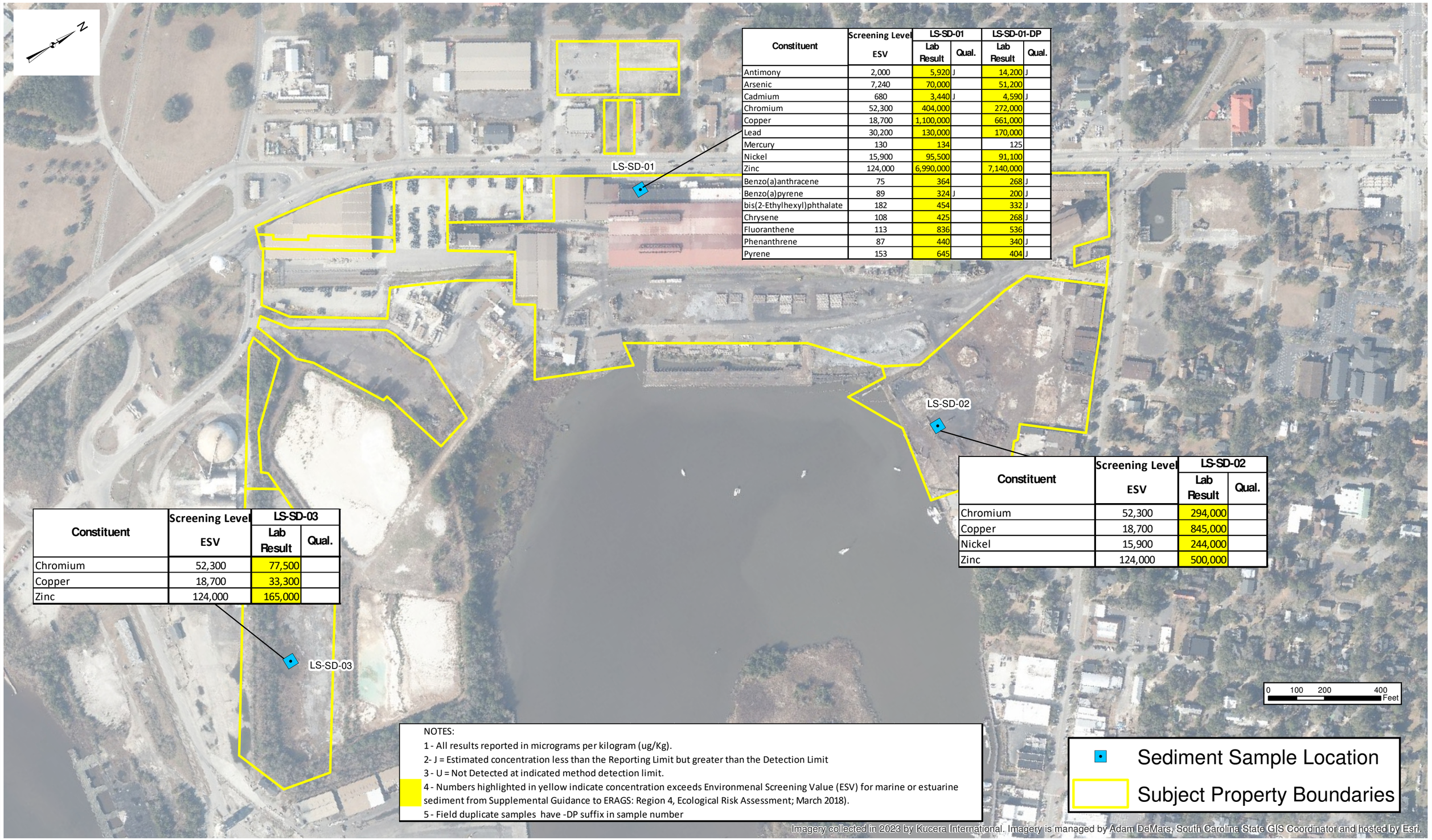
Imagery collected in 2023 by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by Esri.

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

VCC BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

SURFACE WATER SAMPLE LOCATIONS WITH CONSTITUENTS EXCEEDING SCREENING LEVELS

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 9



Constituent	Screening Level ESV	LS-SD-01 Lab Result	LS-SD-01 Qual.	LS-SD-01-DP Lab Result	LS-SD-01-DP Qual.
Antimony	2,000	5,920	J	14,200	J
Arsenic	7,240	70,000		51,200	
Cadmium	680	3,440	J	4,590	J
Chromium	52,300	404,000		272,000	
Copper	18,700	1,100,000		661,000	
Lead	30,200	130,000		170,000	
Mercury	130	134		125	
Nickel	15,900	95,500		91,100	
Zinc	124,000	6,990,000		7,140,000	
Benzo(a)anthracene	75	364		268	J
Benzo(a)pyrene	89	324	J	200	J
bis(2-Ethylhexyl)phthalate	182	454		332	J
Chrysene	108	425		268	J
Fluoranthene	113	836		536	
Phenanthrene	87	440		340	J
Pyrene	153	645		404	J

Constituent	Screening Level ESV	LS-SD-02 Lab Result	LS-SD-02 Qual.
Chromium	52,300	294,000	
Copper	18,700	845,000	
Nickel	15,900	244,000	
Zinc	124,000	500,000	

Constituent	Screening Level ESV	LS-SD-03 Lab Result	LS-SD-03 Qual.
Chromium	52,300	77,500	
Copper	18,700	33,300	
Zinc	124,000	165,000	

NOTES:
1 - All results reported in micrograms per kilogram (ug/Kg).
2- J = Estimated concentration less than the Reporting Limit but greater than the Detection Limit
3 - U = Not Detected at indicated method detection limit.
4 - Numbers highlighted in yellow indicate concentration exceeds Environmenal Screening Value (ESV) for marine or estuarine sediment from Supplemental Guidance to ERAGS: Region 4, Ecological Risk Assessment; March 2018).
5 - Field duplicate samples have -DP suffix in sample number

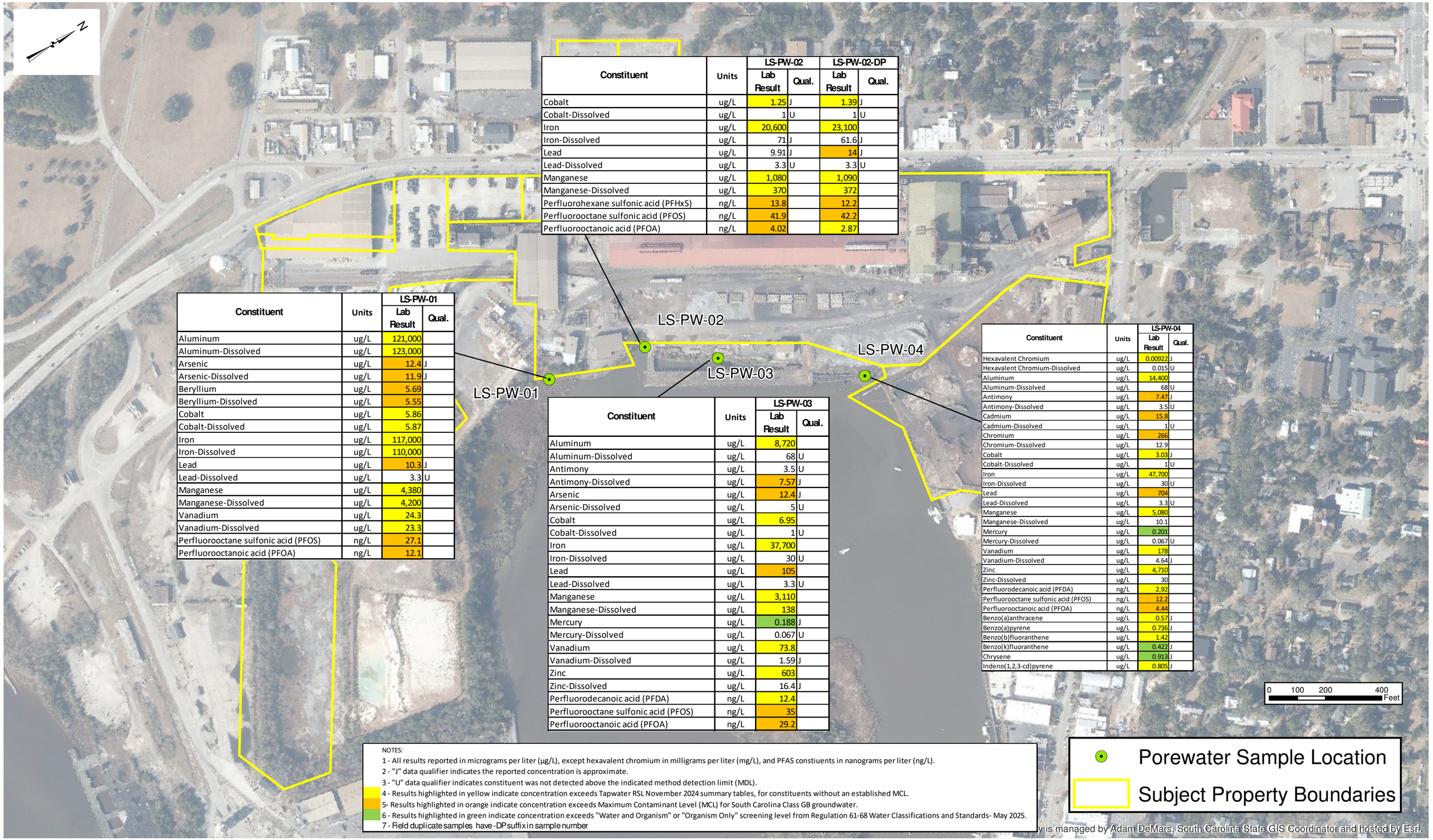
Imagery collected in 2023 by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by Esri.

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

VCC BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

SEDIMENT SAMPLE LOCATIONS WITH CONSTITUENTS EXCEEDING SCREENING LEVELS

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 10



Constituent	Units	LS-PW-02		LS-PW-02-DP	
		Lab Result	Qual.	Lab Result	Qual.
Cobalt	ug/L	1.25	J	1.39	J
Cobalt-Dissolved	ug/L	1	U	1	U
Iron	ug/L	20,600		23,100	
Iron-Dissolved	ug/L	71	J	61.6	J
Lead	ug/L	9.91	J	14	J
Lead-Dissolved	ug/L	3.3	U	3.3	U
Manganese	ug/L	1,080		1,090	
Manganese-Dissolved	ug/L	370		372	
Perfluorohexane sulfonic acid (PFHxS)	ng/L	13.8		12.2	
Perfluorooctane sulfonic acid (PFOS)	ng/L	41.9		42.2	
Perfluorooctanoic acid (PFOA)	ng/L	4.02		2.87	

Constituent	Units	LS-PW-01	
		Lab Result	Qual.
Aluminum	ug/L	121,000	
Aluminum-Dissolved	ug/L	123,000	
Arsenic	ug/L	12.4	J
Arsenic-Dissolved	ug/L	11.9	J
Beryllium	ug/L	5.69	
Beryllium-Dissolved	ug/L	5.55	
Cobalt	ug/L	5.86	
Cobalt-Dissolved	ug/L	5.87	
Iron	ug/L	117,000	
Iron-Dissolved	ug/L	110,000	
Lead	ug/L	10.3	J
Lead-Dissolved	ug/L	3.3	U
Manganese	ug/L	4,380	
Manganese-Dissolved	ug/L	4,200	
Vanadium	ug/L	24.3	
Vanadium-Dissolved	ug/L	23.3	
Perfluorooctane sulfonic acid (PFOS)	ng/L	27.1	
Perfluorooctanoic acid (PFOA)	ng/L	12.1	

Constituent	Units	LS-PW-03	
		Lab Result	Qual.
Aluminum	ug/L	8,720	
Aluminum-Dissolved	ug/L	68	U
Antimony	ug/L	3.5	U
Antimony-Dissolved	ug/L	7.57	J
Arsenic	ug/L	12.4	J
Arsenic-Dissolved	ug/L	5	U
Cobalt	ug/L	6.95	
Cobalt-Dissolved	ug/L	1	U
Iron	ug/L	37,700	
Iron-Dissolved	ug/L	30	U
Lead	ug/L	105	
Lead-Dissolved	ug/L	3.3	U
Manganese	ug/L	3,110	
Manganese-Dissolved	ug/L	138	
Mercury	ug/L	0.188	J
Mercury-Dissolved	ug/L	0.067	U
Vanadium	ug/L	73.8	
Vanadium-Dissolved	ug/L	1.59	J
Zinc	ug/L	603	
Zinc-Dissolved	ug/L	16.4	J
Perfluorodecanoic acid (PFDA)	ng/L	12.4	
Perfluorooctane sulfonic acid (PFOS)	ng/L	35	
Perfluorooctanoic acid (PFOA)	ng/L	29.2	

Constituent	Units	LS-PW-04	
		Lab Result	Qual.
Hexavalent Chromium	ug/L	0.00922	J
Hexavalent Chromium-Dissolved	ug/L	0.015	U
Aluminum	ug/L	14,400	
Aluminum-Dissolved	ug/L	68	U
Antimony	ug/L	7.47	J
Antimony-Dissolved	ug/L	3.5	U
Cadmium	ug/L	15.8	
Cadmium-Dissolved	ug/L	1	U
Chromium	ug/L	266	
Chromium-Dissolved	ug/L	12.9	
Cobalt	ug/L	3.03	J
Cobalt-Dissolved	ug/L	1	U
Iron	ug/L	47,700	
Iron-Dissolved	ug/L	30	U
Lead	ug/L	704	
Lead-Dissolved	ug/L	3.3	U
Manganese	ug/L	5,080	
Manganese-Dissolved	ug/L	10.1	
Mercury	ug/L	0.201	
Mercury-Dissolved	ug/L	0.067	U
Vanadium	ug/L	178	
Vanadium-Dissolved	ug/L	4.64	J
Zinc	ug/L	4,710	
Zinc-Dissolved	ug/L	30	
Perfluorodecanoic acid (PFDA)	ng/L	2.92	
Perfluorooctane sulfonic acid (PFOS)	ng/L	12.2	
Perfluorooctanoic acid (PFOA)	ng/L	4.44	
Benzo(a)anthracene	ug/L	0.57	J
Benzo(a)pyrene	ug/L	0.736	J
Benzo(b)fluoranthene	ug/L	1.42	
Benzo(k)fluoranthene	ug/L	0.422	J
Chrysene	ug/L	0.913	J
Indeno(1,2,3-cd)pyrene	ug/L	0.805	J

NOTES:
1 - All results reported in micrograms per liter (µg/L), except hexavalent chromium in milligrams per liter (mg/L), and PFAS constiuents in nanograms per liter (ng/L).
2 - "J" data qualifier indicates the reported concentration is approximate.
3 - "U" data qualifier indicates constituent was not detected above the indicated method detection limit (MDL).
4 - Results highlighted in yellow indicate concentration exceeds Tapwater RSL November 2024 summary tables, for constituents without an established MCL.
5- Results highlighted in orange indicate concentration exceeds Maximum Contaminant Level (MCL) for South Carolina Class GB groundwater.
6 - Results highlighted in green indicate concentration exceeds "Water and Organism" or "Organism Only" screening level from Regulation 61-68 Water Classifications and Standards- May 2025.
7 - Field duplicate samples have -DP suffix in sample number

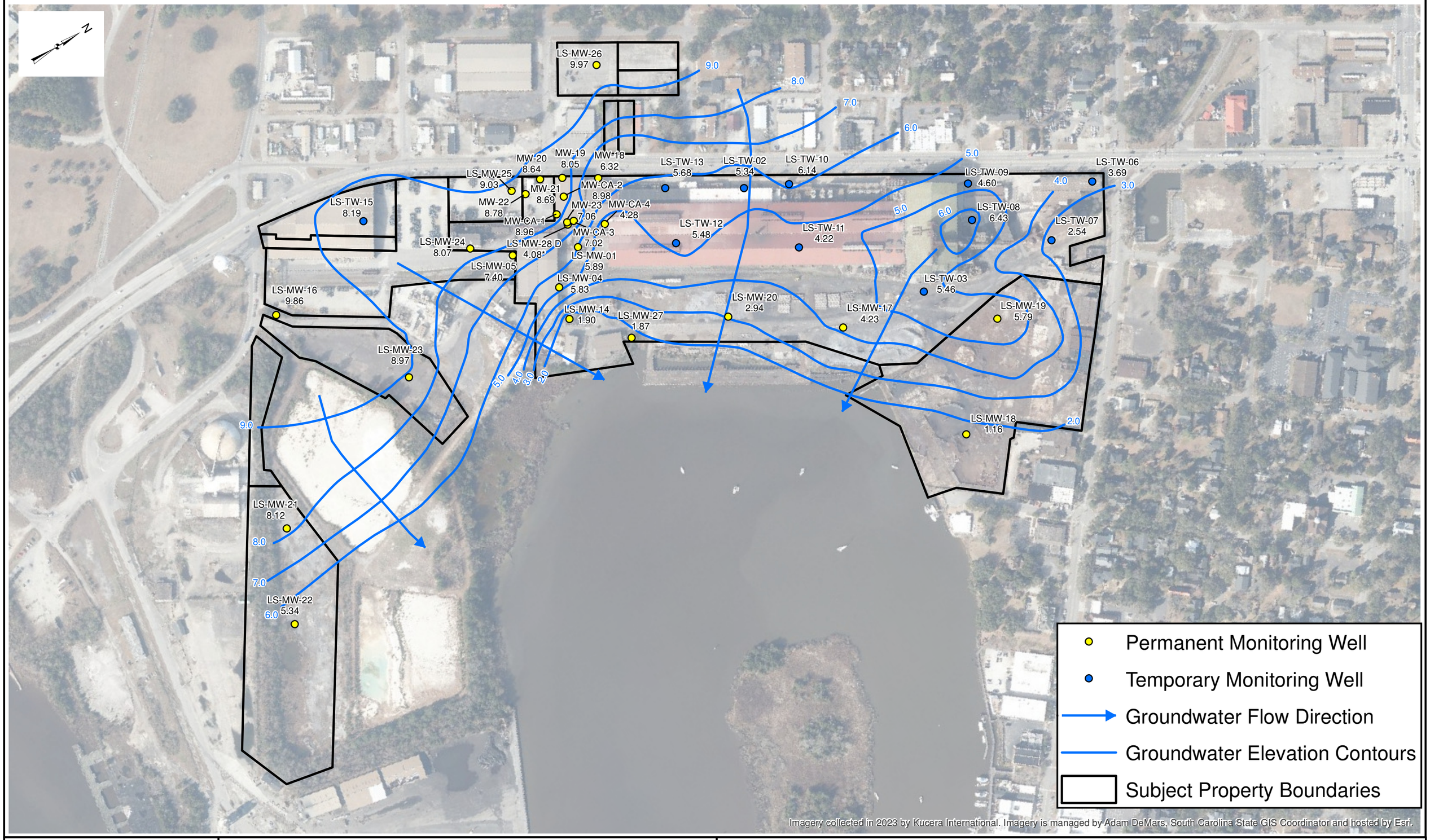
...y is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by Esri.

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

VCC BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

PORE WATER SAMPLE LOCATIONS WITH CONSTITUENTS EXCEEDING SCREENING LEVELS

PROJECT: RVDE00226 | DATE: AUGUST 12, 2026 | FIGURE 11



GEL Engineering, LLC
a Member of THE GEL GROUP, INC.
2040 SAVAGE ROAD CHARLESTON, SC 29407
(843) 769-7378 FAX (843) 769-7397
WWW.GEL.COM
ENGINEERING ENVIRONMENTAL ANALYTICAL

BASELINE SITE ASSESSMENT REPORT
LIBERTY STEEL PROPERTY
S. FRASER STREET
GEORGETOWN, SOUTH CAROLINA
VCC 25-8848-NRP

GROUNDWATER POTENTIOMETRIC MAP

PROJECT: RVDE00226	DATE: AUGUST 12, 2026	FIGURE 12

TABLES

Table 1. Summary of Samples and Analytical Parameters
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

LOCATION ID/QUALITY CONTROL SAMPLE TYPE	SAMPLE LOCATION OR RATIONALE	SAMPLE TYPE	Number of Analyses									
			TCL VOCs*	TCL SVOCs	TAL Metals	Hexavalent Chromium	Dissolved TAL Metals	Dissolved Hexavalent Chromium	TCL PCBs	TCL Pest-icides	Cyanide	PFAS
SOIL /SEDIMENT												
LS-SB-01	Waste oil storage area adjacent to the mobile equipment shop	Surface and Subsurface Soil	1	2	2	2						
LS-SB-02	Mobile equipment shop, one near the location of the service pit	Surface and Subsurface Soil	1	2	2	2						
LS-SB-03		Surface and Subsurface Soil	1	2	2	2						
LS-SB-04	Western edge of the rolling mill -near substation	Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-05	Western edge of rolling mill - near fuel oil ASTs	Surface and Subsurface Soil	1	2	2	2						
LS-SB-06	Western Edge of the rolling mill -near the sump and covered subgrade structure	Surface and Subsurface Soil	1	2	2	2						
LS-SB-07	Baghouse and associated piping	Surface and Subsurface Soil	1	2	2	2						
LS-SB-08		Surface and Subsurface Soil	1	2	2	2						
LS-SB-09		Surface and Subsurface Soil	1	2	2	2						
LS-SB-10	Lime silo and associated sump	Surface and Subsurface Soil	1	2	2	2						
LS-SB-11		Surface and Subsurface Soil	1	2	2	2						
LS-SB-12	EAF and Ladle Furnace area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-13		Surface and Subsurface Soil	1	2	2	2						
LS-SB-14	Mold repair shop, one near the sump located behind the containment structure and	Surface and Subsurface Soil	1	2	2	2						
LS-SB-15	one near the sump beneath work area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-16	Western edge of the rolling mill near the transformer vault	Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-17	Rolling mill, with a preference for locations near the subgrade pit, scale pit, and Morgan oil cellar	Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-18		Surface and Subsurface Soil	1	2	2	2						
LS-SB-19		Surface and Subsurface Soil	1	2	2	2						
LS-SB-20		Surface and Subsurface Soil	1	2	2	2						
LS-SB-21		Surface and Subsurface Soil	1	2	2	2						
LS-SB-22	Coil compactor area, one located proximal to MW-23	Surface and Subsurface Soil	1	2	2	2						
LS-SB-23		Surface and Subsurface Soil	1	2	2	2						
LS-SB-24	WWTP and adjacent scale pit, crack in the sludge drying bed.	Surface and Subsurface Soil	1	2	2	2						
LS-SB-25		Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-26		Surface and Subsurface Soil	1	2	2	2						
LS-SB-27	Former Riverside Oil Company building	Surface and Subsurface Soil	1	2	2	2						
LS-SB-28	Gasoline AST with underground piping	Surface and Subsurface Soil	1	2	2	2						
LS-SB-29	Presumed background location	Surface and Subsurface Soil	1	2	2	2						
LS-SB-30	Former DRI plant area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-31		Surface and Subsurface Soil	1	2	2	2						
LS-SB-32		Surface and Subsurface Soil	1	2	2	2						
LS-SB-33		Surface and Subsurface Soil	1	2	2	2						
LS-SB-34	Scrap, scale, and slag storage area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-35		Surface and Subsurface Soil	1	2	2	2						
LS-SB-36		Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-37		Surface and Subsurface Soil	1	2	2	2						
LS-SB-38		Surface and Subsurface Soil	1	2	2	2						
LS-SB-39	Sludge mixing pad to the northwest of the mold repair shop	Surface and Subsurface Soil	1	2	2	2						
LS-SB-40	Former Atlantic Coast Lumber maintenance shop	Surface and Subsurface Soil	1	2	2	2						
LS-SB-41	Rail spur on the southern portion of the Property	Surface and Subsurface Soil	1	2	2	2						
LS-SB-42		Surface and Subsurface Soil	1	2	2	2						
LS-SB-43	Former coil storage area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-44		Surface and Subsurface Soil	1	2	2	2						
LS-SB-45	Truck wash area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-46	Southernmost Parcel	Surface and Subsurface Soil	1	2	2	2						
LS-SB-47		Surface and Subsurface Soil	1	2	2	2						
LS-SB-48		Surface and Subsurface Soil	1	2	2	2						
Field Duplicates	10 Soil Samples	Surface and Subsurface Soil	5	10	10	10			1	1	1	
LS-SD-01	Drum storage area near coil compactor	Sediment	1	1	1	1						
LS-SD-02	Downgradient area near former DRI plant	Sediment	1	1	1	1						
LS-SD-03	Bermed ponded area on southernmost parcel	Sediment	1	1	1	1						
Field Duplicate	One Sediment Sample	Sediment	1	1	1	1						
GROUNDWATER/SURFACE WATER/PORE WATER												
LS-MW-01	Downgradient of coil compactor area	Groundwater	1	1	1	1	1	1				
LS-TW-02	Near transformer vault- west edge of rolling mill - along Fraser Street	Groundwater	1	1	1	1	1	1	1	1	1	
LS-TW-03	Downgradient of EAF and Ladle Furnace Area	Groundwater	1	1	1	1	1	1				
LS-MW-04	Near service pit in mobile equipment shop	Groundwater	1	1	1	1	1	1	1	1	1	
LS-MW-05	Near waste oil storage area - south side of mobile equipment shop	Groundwater	1	1	1	1	1	1				
LS-TW-06	Northwest boundary of Property	Groundwater	1	1	1	1	1	1				
LS-TW-07	Near baghouse	Groundwater	1	1	1	1	1	1				
LS-TW-08	Near lime silo sump	Groundwater	1	1	1	1	1	1				
LS-TW-09	Northwest boundary of Property	Groundwater	1	1	1	1	1	1				
LS-TW-10	Near fuel oil ASTs along west edge of rolling mill - along Fraser Street	Groundwater	1	1	1	1	1	1				
LS-TW-11	Downgradient of subgrade pit in rolling mill	Groundwater	1	1	1	1	1	1				
LS-TW-12	Downgradient of Morgan oil cellar in rolling mill	Groundwater	1	1	1	1	1	1				
LS-TW-13	Near machine shop - west edge of rolling mill - along Fraser Street	Groundwater	1	1	1	1	1	1				
LS-MW-14	Near mold repair shop sump	Groundwater	1	1	1	1	1	1				
LS-TW-15	Southwest corner of Property near former Riverside Oil Company building	Groundwater	1	1	1	1	1	1				
LS-MW-16	Near truck wash area	Groundwater	1	1	1	1	1	1				
LS-MW-17	Eastern edge of Property	Groundwater	1	1	1	1	1	1				1
LS-MW-18	Former DRI plant area	Groundwater	1	1	1	1	1	1	1	1	1	
LS-MW-19		Groundwater	1	1	1	1	1	1				1
LS-MW-20	Eastern edge of Property	Groundwater	1	1	1	1	1	1				1
LS-MW-21	Southernmost Parcel	Groundwater	1	1	1	1	1	1				
LS-MW-22		Groundwater	1	1	1	1	1	1				
LS-MW-23	Former coil storage area	Groundwater	1	1	1	1	1	1				
LS-MW-24	Downgradient of WWTP	Groundwater	1	1	1	1	1	1	1	1	1	1
LS-MW-25	Near former Atlantic Coast Lumber maintenance building	Groundwater	1	1	1	1	1	1				
LS-MW-26	Presumed background location on Property west of South Fraser Street	Groundwater	1	1	1	1	1	1				
LS-MW-27	Eastern edge of Property near gasoline AST and underground piping	Groundwater	1	1	1	1	1	1				1
LS-MW-28 D	Deep well near presumed source of chlorinated VOC plume Coil Compactor Area	Groundwater	1									
MW-18	Existing Monitoring Wells - Near Coil Compactor Area	Groundwater	1	1	1	1	1	1				
MW-19		Groundwater	1	1	1	1	1	1				
MW-20		Groundwater	1	1	1	1	1	1				
MW-21		Groundwater	1	1	1	1	1	1				
MW-22		Groundwater	1	1	1	1	1	1				
MW-23		Groundwater	1	1	1	1	1	1				
MW-CA-1		Groundwater	1	1	1	1	1	1				
MW-CA-2		Groundwater	1	1	1	1	1	1				
MW-CA-3		Groundwater	1	1	1	1	1	1				
MW-CA-4		Groundwater	1	1	1	1	1	1				
Field Duplicates	4 Groundwater Samples	Groundwater	4	4	4	4	4	4	1	1	1	1
LS-SW-01	Drum storage area near coil compactor area	Surface Water	1	1	1	1	1	1				
LS-SW-02	Downstream accessible point on storm drain or effluent discharge pipes	Surface Water	1	1	1	1	1	1				
LS-SW-03		Surface Water	1	1	1	1	1	1				
LS-SW-04		Surface Water	1	1	1	1	1	1				
LS-SW-05	Downgradient area near former DRI plant	Surface Water	1	1	1	1	1	1				
LS-SW-06	Bermed ponded area on southernmost parcel	Surface Water	1	1	1	1	1	1				
Field Duplicate	One Surface Water Sample	Surface Water	1	1	1	1	1	1				
LS-PW-01	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
LS-PW-02	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
LS-PW-03	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
LS-PW-04	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
Field Duplicate	One Pore Water Sample	Pore Water	1	1	1	1	1	1				1
Field Equipment Blank	Soil sampling equipment rinsate	Laboratory-provided deionized water	1	1	1	1						
Field Equipment Blank	Groundwater sampling equipment rinsate	Laboratory-provided deionized water	1	1	1	1						
Trip Blank	Assesses field and laboratory accuracy; One per shipment containing samples for VOC	Laboratory-provided deionized water	1									

* VOC analyses will not be conducted on surface soil samples.
PCBs = Polychlorinated biphenyls
TAL Metals = Target Analyte List Metals
TCL = EPA Target Compound List
SVOCs = Semivolatile organic compounds
VOCs = Volatile organic compounds
PFAS = Perfluorinated Alkyl Acids
Dissolved metals analysis conducted on field filtered groundwater samples.

Table 2
Summary of Constituents Detected in Soil Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Screening Levels			Units	LS-SB-01				LS-SB-02				LS-SB-03				LS-SB-04						LS-SB-05				LS-SB-06				LS-SB-07				LS-SB-08				LS-SB-09			
						LS-SB-01-2.0		LS-SB-01-5.0		LS-SB-02-2.0		LS-SB-02-4.0		LS-SB-03-1.0		LS-SB-03-3.0		LS-SB-04-1.0		LS-SB-04-1.0-DP		LS-SB-04-3.0		LS-SB-05-1.0		LS-SB-05-3.0		LS-SB-06-1.0		LS-SB-06-4.0		LS-SB-07-1.0		LS-SB-07-3.0		LS-SB-08-1.0		LS-SB-08-3.0		LS-SB-09-2.0		LS-SB-09-4.0	
		R-RSL	I-RSL	MCL-SSL		1' - 2' bls		4' - 5' bls		1' - 2' bls		3' - 4' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		3' - 4' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		1' - 2' bls		3' - 4' bls	
						Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Cyanide, Total	Cyanide	2,400	16,000	2,000	ug/kg	NA		NA		NA		NA		NA		NA			U	88.8	U	84.8	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Hexavalent Chromium	Hexavalent Chromium	0.95	20	NE	mg/kg	0.18	U	0.165	U	0.139	U	0.503		0.136	U	0.161	J	0.137	U	0.133	U	0.168	J	1.01		0.144	U	0.154	J	0.105	U	0.117	U	0.121	U	1.09		0.214	U	0.127	U	0.139	U
Aluminum	Metals	7,700,000	110,000,000	NE	ug/kg	12,500,000		8,020,000		4,250,000		9,050,000		4,260,000		3,270,000		3,720,000		8,320,000		2,310,000		5,650,000		11,200,000		3,270,000		2,350,000		4,770,000		3,780,000		4,260,000		3,320,000		3,670,000		5,750,000	
Antimony	Metals	3,100	47,000	270	ug/kg	2,480		1,410	J	6,500	J	376	U	6,860		1,440	Ub	339	U	721	Ub	1,290	Ub	307	U	331	U	453	Ub	485	Ub	2,730		1,830	J	14,300	J	7,420		746	J	340	U
Arsenic	Metals	680	3,000	290	ug/kg	11,400		6,180		10,400	J	3,950		11,800		5,490		2,140	Ub	992	Ub	3,570		986	J	4,270		499	U	998	J	4,480		3,900		5,210	U	41,600		3,020	J	2,250	J
Barium	Metals	1,500,000	22,000,000	82,000	ug/kg	17,800		12,500		63,500		7,780		71,600	Jh	19,900		10,900		19,900		19,400		13,200		17,600		9,170		6,640		69,900		77,800		67,100		90,100		26,900		12,900	
Beryllium	Metals	16,000	230,000	3,200	ug/kg	157	J	104	U	984	U	114	U	185	J	298	J	131	J	170	J	105	U	161	J	114	J	99.8	U	110	U	227	J	202	J	1,040	U	539	J	119	J	126	J
Cadmium	Metals	710	10,000	380	ug/kg	290	J	137	J	996	J	114	U	843		102	U	103	U	99.7	U	105	U	92.9	U	100	U	99.8	U	110	U	6,680		1,760		45,100		251	J	109	U	103	U
Calcium	Metals	NE	NE	NE	ug/kg	20,600,000		1,300,000		4,990,000		1,060,000		5,920,000	J	663,000		1,400,000	JI	341,000		2,490,000		462,000		594,000		123,000		136,000		129,000,000		17,000,000		138,000,000		3,960,000		4,800,000		152,000	
Chromium	Metals	85,000,000*	36,000,000*	180,000,000	ug/kg	23,000		12,300		23,400		14,100		21,200		8,830		4,800		6,160		4,050		86,100		16,400		2,760		3,650		64,500		46,700		254,000		16,100		6,730		4,010	
Cobalt	Metals	2,300	35,000	NE	ug/kg	1,040		527		3,570	J	643		4,240		424	J	725		1,950		402	J	1,460		539		329	J	175	J	4,260		2,720		5,590		6,730		638		745	
Copper	Metals	310,000	4,700,000	46,000	ug/kg	3,430		1,970	J	45,800		2,010	J	56,100	Jh	1,280	J	3,990		919	J	4,170		2,750		2,680		409	J	480	J	69,400		47,400		225,000		122,000		8,050		1,080	J
Iron	Metals	5,500,000	82,000,000	NE	ug/kg	28,600,000		11,700,000		58,200,000		11,700,000		30,300,000		9,380,000		3,050,000		4,770,000		4,450,000		2,270,000		15,000,000		2,170,000		2,290,000		34,300,000		21,200,000		73,500,000		31,800,000		5,980,000		2,890,000	
Lead	Metals	200,000	800,000	9,000	ug/kg	5,780		5,020		88,000		5,170		165,000	Jh	10,700		10,100		2,960		17,400		3,440		6,230		1,760	J	2,690		312,000		124,000		1,640,000		175,000		28,900		2,310	
Magnesium	Metals	NE	NE	NE	ug/kg	590,000		264,000		536,000		312,000		633,000	Jh	108,000		305,000		356,000		200,000		139,000		305,000		93,300		52,000		5,400,000		2,540,000		12,300,000		595,000		444,000		137,000	
Manganese	Metals	180,000	2,600,000	NE	ug/kg	49,000		9,070		377,000		7,190		309,000	J	39,600		19,500		12,100		61,200		7,930		9,280		6,140		4,890		1,190,000		860,000		4,070,000		281,000		70,200		8,240	
Mercury	Metals	710	3,000	100	ug/kg	40		13.4	J	127		17.6	J	166		8.41	U	14.7	J	8.3	J	24.8		14.8	J	36.4		9.63	J	12.1	J	43.8		68.6		1,960		136		37.7		8.84	U
Nickel	Metals	140,000	1,700,000	NE	ug/kg	3,710		1,270		13,000		2,090		14,600		520		1,370		1,980		930		1,680		1,590		821		527	J	20,500		11,600		30,900		19,400		1,520		1,820	
Potassium	Metals	NE	NE	NE	ug/kg	267,000		256,000		231,000	J	289,000		488,000		121,000		194,000		165,000		84,000		75,100		215,000		111,000		61,900		1,120,000		629,000		1,410,000		555,000		917,000		436,000	
Selenium	Metals	39,000	580,000	260	ug/kg	561	U	558	J	4,920	U	569	U	560	U	620	J	1,110	J	1,820	J	2,850	J	464	U	1,030	J	499	U	549	U	1,810	J	1,870	J	15,000	J	2,790	J	723	J	762	J
Silver	Metals	39,000	580,000	NE	ug/kg	112	U	104	U	984	U	114	U	141	J	102	U	103	U	99.7	U	105	U	92.9	U	100	U	99.8	U	110	U	966	J	432	J	7,210		163	J	109	U	103	U
Sodium	Metals	NE	NE	NE	ug/kg	48,500		23,700	J	68,900	U	53,800		69,300		15,300	J	22,000	J	25,000		19,800	J	8,550	J	30,500		10,300	J	7,690	U	212,000		110,000		584,000		254,000		397,000		241,000	
Thallium	Metals	78	1,200	140	ug/kg	561	U	520	U	4,920	U	569	U	560	U	510	U	514	U	498	U	526	U	464	U	501	U	499	U	549	U	525	U	494	U	5,210	U	716	U	544	U	516	U
Vanadium	Metals	39,000	580,000	NE	ug/kg	55,200		21,800		20,400		23,000		12,000		25,600		6,240		7,650		6,650		7,090		35,500		4,050		5,390		41,500		29,100		50,900		25,600		11,000		5,920	
Zinc	Metals	2,300,000	35,000,000	NE	ug/kg	7,760		5,190		122,000		5,830		150,000	Jh	2,760		11,100		6,580		11,100		10,000		4,800		1,450	J	991	J	2,420,000		589,000		21,400,000		145,000		45,200		3,340	
Aroclor-1242	PCBs	230	950	NE	ug/kg	NA		NA		NA		NA		NA		NA		23.8	U	1.2	U	1.21	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1248	PCBs	230	940	NE	ug/kg	NA		NA		NA		NA		NA		NA		23.8	U	1.2	U	1.21	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1254	PCBs	120	970	NE	ug/kg	NA		NA		NA		NA		NA		NA		23.8	U	2.35	J	1.29	J	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1260	PCBs	240	990	NE	ug/kg	NA		NA		NA		NA		NA		NA		39.6	J	4.43		2.53	J	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
4,4'-DDT	Pesticides	1,900	8,500	NE	ug/kg	NA		NA		NA		NA		NA		NA		0.697	J	1.78	U	3.61	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
cis-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		0.178	U	0.892	U	1.81	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
trans-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		0.178	U	0.892	U	1.81	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1'-Biphenyl	SVOAs	4,700	20,000	NE	ug/kg	122	U	119	U	114	U	115	U	122	U	115	U	107	U	108	U	109	U	1,100	U	1,180	U	106	U	2,240	U	114	U	113	U	1,080	U	146	U	113	U	110	U
2,4-Dimethylphenol	SVOAs	130,000	1,600,000	NE	ug/kg	122	U	119	U	114	U	115	U	122	UJ	115	U	107	UJ	108	UJ	109	UJ	1,100	U	1,180	U	106	U	2,240	U	114	U	364	J	1,080	U	146	U	279	J	110	U
2-Methylnaphthalene	SVOAs	24,000	300,000	NE	ug/kg	12.2	U	11.9	U	14.8	J	11.5	U	21.1	J	11.5	U	10.7	U	11.1	J	153		697		312	J	39.2		63,900		50.7		59		108	U	258		28.4	J	11	U
Acenaphthene	SVOAs	360,000	4,500,000	NE	ug/kg	12.2	U	11.9	U	11.4	U	11.5	U	12.2	U	11.5	U	10.7	U	10.8	U	10.9	U	110	U	1,950		12	J	224	U	26.5	J	30.4	J	108	U	61.2		11.3	U	11	U
Acenaphthylene	SVOAs	NE	NE	NE	ug/kg	12.2	U	11.9	U	39		11.5	U	122		11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	42.4		20.7	J	108	U	292		32.9	J	11	U
Anthracene	SVOAs	1,800,000	23,000,000	NE	ug/kg	12.2	U	11.9	U	39.8		11.5	U	113		11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	171		27.4	J	108	U	519		27.6	J	11	U
Benzaldehyde	SVOAs	170,000	820,000	NE	ug/kg	122	UJ	119	UJ	114	UJ	115	UJ	122	UJ	115	U	107	UJ	108	UJ	109	UJ	1,100	U	1,180	U	106	U	2,240	U	114	UJ	113	UJ	1,080	U	146	U	113	R	110	R
Benzo(a)anthracene	SVOAs	1,100	21,000	NE	ug/kg	12.2	U	11.9	U	126		11.5	U	441	Jh	11.5	U	17.1	J	11.9	J	26.4	J	110	U	118	U	10.6	U	559	J	488		60.5		108	U	1,020		102		11	U
Benzo(a)pyrene	SVOAs	110	2,100	240	ug/kg	12.2	U	11.9	U	136		11.5	U	558	Jh	11.5	U	15.7	J	10.8	U	22.5	J	110	U	118	U	10.6	U	276	J	449		71.7		108	U	1,020		107		11	U
Benzo(b)fluoranthene	SVOAs	1,100	21,000	NE	ug/kg	12.2	U	11.9	U	216		11.5	U	960	Jh	11.5	U	34.2	J	22.7	J	32.2	J	110	U	118	U	10.6	U	373	J	575		125		108	U	2,190		163		11	U
Benzo(ghi)perylene	SVOAs	NE	NE	NE	ug/kg	12.2	U	11.9	U	107		11.5	U	409	Jh	11.5	U	15.3	J	10.8	U	21	J	110	U	118	U	10.6	U	224	U	308		65.7		108	U	717		96.4		11	U
Benzo(k)fluoranthene	SVOAs	11,000	210,000	NE	ug/kg	12.2	U	11.9	U	65.5		11.5	U	268	Jh	11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	199		34.2	J	108	U	675		49.9		11	U
bis(2-Ethylhexyl)phthalate	SVOAs	39,000	160,000	1,400	ug/kg	12.2	U	11.9	U	43.2		11.5	U	29.2	J	17.3	J	10.7	U	11.1	J	10.9	U	136	J	118	U	10.6	U	425	J	48.1		33.4	J	306	J	14.6	U	11.3	U	11	U
Butylbenzylphthalate	SVOAs	290,000	1,200,000	NE	ug/kg	12.2	U	11.9	U	11.4	U	11.5	U	12.2	U	11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	11.4	U	11.3	U	108	U	14.6	U	11.3	U	11	U
Carbazole	SVOAs	NE	NE	NE	ug/kg	12.2	U	11.9	U	17.8	J	11.5	U	36.5	J	11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	30.7	J	11.3	U	108	U	203		14.7	J	11	U
Chrysene	SVOAs	110,000	2,100,000	NE	ug/kg	12.2	U	11.9	U	138		11.5	U	532	Jh	11.5	U	16.4	J	15.8	J	29	J	110	U	118	U	10.6	U	425	J	497		81.5		108	U	1,540		107		11	U
Dibenzo(a,h)anthracene	SVOAs	110	2,100	NE	ug/kg	12.2	U	11.9	U	23.9	J	11.5	U	103		11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	65.5		15.4	J	108	U	203		20.4	J	11	U
Dibenzofuran	SVOAs	7,800	120,000	NE	ug/kg	122	U	119	U	114	U	115	U	122	U	115	U	107	U	108	U	109	U	1,100	U	1,180	U	106	U	2,240	U	114	U	113	U	1,080	U	146	U	113	U	110	U
Diethylphthalate	SVOAs	5,100,000	66,000,000	NE	ug/kg	12.2	U	11.9	U	11.4	U	11.5	U	12.2	U	11.5	U	10.7	UJ	10.8	UJ	10.9	UJ	110	U	118	U	10.6	U	224	U	11.4	U	11.3	U	108	U	14.6	U	11.3	U	11	U
Dimethylphthalate	SVOAs	NE	NE	NE	ug/kg	12.2	U	11.9	U	11.4	U	11.5	U	12.2	U	11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	11.4	U	11.3	U	108	U	14.6	U	11.3	U	11	U
Di-n-butylphthalate	SVOAs	630,000	8,200,000	NE	ug/kg	12.2	U	11.9	U	11.4	U	11.5	U	12.6	J	11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	11.4	U	11.3	U	108	U	14.6	U	11.3	U	11	U
Di-n-octylphthalate	SVOAs	63,000	820,000	NE	ug/kg	12.2	U	11.9	U	11.4	U	11.5	U	12.2	U	11.5	U	10.7	U	10.8	U	10.9	U	110	U	118	U	10.6	U	224	U	11.4	U	11.3	U	108	U	14.6	U	11.3	U	11	U
Fluoranthene	SVOAs	240,000	3,000,000	NE	ug/kg	12.2	U	11.9	U	256		11.5	U	661		11.5	U	19.6	J	14	J	38.8		260	J	189	J	10.6	U	1,930		1,090		118		108	U	1,960		175		11	U
Fluorene	SVOAs	240,000	3,000,000	NE	ug/kg	12.2	U	11.9	U	15.2	J	11.5	U	20.3	J	11.5	U	10.7	U	10.8	U	10.9	U	2,870		2,820		42.4		12,400		51.8		18	J	108	U	107		11.3	U	11	U
Indeno(1,2,3-cd)pyrene	SVOAs	1,100	21,000	NE	ug/kg	12.2	U	11.9	U	123		11.5	U	425	Jh	11.5	U	16.7	J	10.8	J	18.8	J	110	U	118	U	10.6	U	224	U	341		61.6		108	U	850		88.9		11	U
Naphthalene	SVOAs	2,000	8,600	NE	ug/kg	12.2	U	11.9	U	20.1	J	11.5	U	26.4	J	11.5	U	10.7	U	10.8	U	98.2		110	U	118	U	10.6	U	224	U	40.9		45.8		108	U	228		34.4	J	11	U
Phenanthrene	SVOAs	NE	NE	NE	ug/kg	12.2	U	11.9	U	95.8		11.5	U	222		11.5	U	10.7	U	12.2	J	65.6		6,750		6,580		57.6		22,200		522		82.6		108	U	466		92.6		11	U
Phenol	SVOAs	1,900,000	25,000,000	NE	ug/kg	122	U	119	U	114	U	115	U	122	U	115	U	107	U	108	U	109	U	1,100	U	1,180	U	106	U	2,240	U	114	U	113	U	1,080	U	146	U	113	U	110	U
Pyrene	SVOAs	180,000	2,300,000	NE	ug/kg	12.2	U	11.9	U	223		11.5	U	665		11.5	U	20.6	J	15.1	J	37.3		286	J	197	J	10.6	U	1,950		984		124		108	U	2,060		149		11	U
2-Butanone	VOAs	2,700,000	19,000,000	NE	ug/kg	NA		5.03		NA		1.55	U	NA		1.73	J	NA		NA		3.9	J	NA		135	U	NA		187	U	NA		1.75	J	NA		99.8		NA		1.79	J
4-Methyl-2-pentanone	VOAs	3,300,000	14,000,000	NE	ug/kg	NA		1.14	U	NA		1.55	U	NA		1.6	U	NA		NA		1.7	U	NA		135	U	NA		187	U	NA		1.48	U	NA		2.8	U	NA		1.43	U
Acetone	VOAs	7,000,000	110,000,000	NE	ug/kg	NA		59.7		NA		1.55	U	NA		23.2		NA		NA		26.6		NA		135	U	NA		187	U	NA		15.8		NA		319		NA		22.2	
Benzene	VOAs	1,200	5,100	2.6	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		0.296	U	NA		0.559	U	NA		0.286	U
Carbon disulfide	VOAs	77,000	350,000	NE	ug/kg	NA		2.32	J	NA		1.55	U	NA		1.6	U	NA		NA		1.7	U	NA		135	U	NA		187	U	NA		4.46		NA		7.62	J	NA		1.43	U
Chloroform	VOAs	320	1,400	22	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		0.296	U	NA		0.559	U	NA		0.286	U
cis-1,2-Dichloroethylene	VOAs	6,300	37,000	21	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		0.296	U	NA		0.559	U	NA		0.286	U
Cyclohexane	VOAs	650,000	2,700,000	NE	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.745	J	NA		27	U	NA		37.5	U	NA		0.721	J	NA		1.14	J	NA		0.286	U
Ethylbenzene	VOAs	5,800	25,000	780	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		2.25		NA		0.559	U	NA		0.286	U
Isopropylbenzene	VOAs	190,000	990,000	NE	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		909		NA		1,700		NA		0.296	U	NA		0.559	U	NA		0.286	U
m,p-Xylenes	VOAs	55,000	240,000	NE	ug/kg	NA		0.457	U	NA		0.62	U	NA		0.64	U	NA		NA		0.681	U	NA		54.1	U	NA		75	U	NA		5.01		NA		1.12	U	NA		0.573	U
Methyl acetate	VOAs	7,800,000	120,000,000	NE	ug/kg	NA		1.14	U	NA		1.55	U	NA		1.6	U	NA		NA		1.7	U	NA		135	U	NA		187	U	NA		1.48	U	NA		2.8	U	NA		2.88	J
Methylcyclohexane	VOAs	9,800	41,000	NE	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		1.06		NA		624		NA		1,420		NA		0.792	J	NA		1.51	J	NA		0.286	U
Methylene chloride	VOAs	35,000	320,000	1.3	ug/kg	NA		1.14	U	NA		1.55	U	NA		1.6	U	NA		NA		1.7	U	NA		135	U	NA		187	U	NA		1.48	U	NA		2.8	U	NA		1.43	U
o-Xylene	VOAs	64,000	280,000	NE	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		1.34		NA		0.559	U	NA		0.286	U
Styrene	VOAs	600,000	3,500,000	110	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		0.296	U	NA		0.559	U	NA		0.286	U
Tetrachloroethylene	VOAs	8,100	39,000	2.3	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		0.296	U	NA		0.559	U	NA		0.286	U
Toluene	VOAs	490,000	4,700,000	690	ug/kg	NA		0.228	U	NA		0.31	U	NA		0.319	U	NA		NA		0.34	U	NA		27	U	NA		37.5	U	NA		0.694	J	NA		0.559	U	NA		0.286	U

Table 2
Summary of Constituents Detected in Soil Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Screening Levels			Units	LS-SB-10		LS-SB-11		LS-SB-12		LS-SB-13		LS-SB-14				LS-SB-15				LS-SB-16		LS-SB-17		
						LS-SB-10-3.0	LS-SB-10-5.0	LS-SB-11-3.0	LS-SB-11-6.0	LS-SB-12-5.0	LS-SB-12-7.0	LS-SB-13-4.0	LS-SB-13-6.0	LS-SB-14-1.0	LS-SB-14-1.0-DP	LS-SB-14-3.0	LS-SB-14-3.0-DP	LS-SB-15-1.0	LS-SB-15-4.0	LS-SB-15-4.0-DP		LS-SB-16-1.0	LS-SB-16-3.0	LS-SB-17-1.0	LS-SB-17-3.0	LS-SB-18-2.0	
		R-RSL	I-RSL	MCL-SSL		2' - 3' bls	4' - 5' bls	2' - 3' bls	5'-6' bls	4' - 5' bls	6' - 7' bls	3'-4' bls	5' - 6' bls	0' - 1' bls	0' - 1' bls	2' - 3' bls	2' - 3' bls	0' - 1' bls	3' - 4' bls	3' - 4' bls		0' - 1' bls	2' - 3' bls	0' - 1' bls	2' - 3' bls	1' - 2' bls	
						Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.		Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	Lab Result Qual.	
Cyanide, Total	Cyanide	2,400	16,000	2,000	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		79.5 U	94 U	109 UH	94.7 UH	NA	
Hexavalent Chromium	Hexavalent Chromium	0.95	20	NE	mg/kg	0.142 U	0.123 J	0.163 U	0.153 J	0.129 U	0.128 U	0.202 U	0.128 U	0.0879 U	0.126 J	0.112 U	0.121 U	0.178 J	0.168 J	0.105 J		0.153 J	0.267 J	0.132 U	0.226 J	0.151 U	
Aluminum	Metals	7,700,000	110,000,000	NE	ug/kg	5,650,000	1,520,000	4,830,000	1,750,000	237,000	4,370,000	3,760,000	4,770,000	1,370,000	1,290,000	2,430,000	2,300,000	2,370,000	1,880,000	1,760,000		2,980,000	6,730,000	4,540,000	4,940,000	7,300,000	
Antimony	Metals	3,100	47,000	270	ug/kg	683 J	354 U	1,320 J	348 U	324 U	322 U	408 U	361 U	311 U	295 U	318 U	319 U	316 U	492 J	339 U		377 Ub	411 Ub	722 J	420 J	1,520 J	
Arsenic	Metals	680	3,000	290	ug/kg	3,510	1,180 J	5,650	869 J	491 U	1,480 J	2,010 J	3,940	472 U	450 J	700 J	847 J	479 U	890 J	514 U		1,360 J	882 J	1,670 J	580 J	9,050	
Barium	Metals	1,500,000	22,000,000	82,000	ug/kg	13,200	6,590	160,000	7,990	1,130	14,000	13,400	21,500	3,900	3,750	5,420	5,570	16,900	7,200	10,200		9,260	12,700	21,700	16,600	76,300	
Beryllium	Metals	16,000	230,000	3,200	ug/kg	137 J	107 U	246 J	105 U	98.2 U	117 J	202 J	169 J	94.3 U	89.5 U	96.4 U	96.7 U	95.8 U	107 U	103 U		93.5 J	150 J	124 J	112 J	323 J	
Cadmium	Metals	710	10,000	380	ug/kg	99.9 U	107 U	2,490	105 U	98.2 U	97.7 U	124 U	109 U	94.3 U	89.5 U	96.4 U	96.7 U	321 J	107 U	103 U		89.1 U	105 U	114 U	112 U	2,580	
Calcium	Metals	NE	NE	NE	ug/kg	1,300,000	506,000	58,500,000	159,000	187,000	308,000	642,000	929,000	654,000	260,000	424,000	442,000	3,530,000	1,090,000	2,900,000		268,000	413,000	16,100,000	775,000	68,000,000	
Chromium	Metals	85,000,000*	36,000,000*	180,000,000	ug/kg	9,600	1,790	83,700	2,230	921 J	5,470	5,380	13,300	2,210	2,500	3,540	3,710	27,000	7,340	41,700		5,770	6,380	14,200	4,180	259,000	
Cobalt	Metals	2,300	35,000	NE	ug/kg	867	173 J	2,370	185 J	147 U	525	907	1,250	141 U	134 U	180 J	170 J	564	237 J	273 J		488	1,250	800	861	13,500	
Copper	Metals	310,000	4,700,000	46,000	ug/kg	4,890	1,340 J	51,400	1,450 J	476 J	1,180 J	4,510	7,110	431 U	406 J	372 J	793 J	9,710	2,940	4,600		808 J	726 J	4,810	2,130 J	104,000	
Iron	Metals	5,500,000	82,000,000	NE	ug/kg	14,900,000	1,270,000	20,400,000	1,180,000	416,000	3,060,000	5,120,000	6,500,000	1,200,000	1,110,000	2,030,000	2,450,000	8,080,000	3,080,000	4,800,000		2,360,000	4,220,000	5,630,000	2,710,000	44,100,000	
Lead	Metals	200,000	800,000	9,000	ug/kg	14,500	5,650	211,000	3,970	449 J	3,650	6,530	12,600	1,810 J	3,450	2,980	3,210	8,070	3,510	4,340		1,950	2,440	11,400	9,600	111,000	
Magnesium	Metals	NE	NE	NE	ug/kg	403,000	50,300	12,400,000	51,900	28,700 J	122,000	481,000	283,000	52,800	50,500	69,000	65,300	1,260,000	281,000	1,010,000		100,000	204,000	4,050,000	220,000	9,590,000	
Manganese	Metals	180,000	2,600,000	NE	ug/kg	164,000	6,310	2,480,000	5,810	5,030	8,380	29,700	22,600	5,490	5,310	3,390	4,090	395,000	83,700	352,000		9,020	9,210	84,300	14,800	3,850,000	
Mercury	Metals	710	3,000	100	ug/kg	28	8.29 U	25.9 J	9.08 U	8.98 U	8.59 U	9.32 U	16.8 J	7.04 U	8.26 U	7.19 U	7.87 U	9.22 J	8.64 U	8.67 U		9.42 J	11.2 J	29.7	26.4	117	
Nickel	Metals	140,000	1,700,000	NE	ug/kg	897	463 J	10,800	546	317 J	1,250	1,370	1,670	428 J	379 J	511	489	3,240	1,020	1,610		771	1,490	2,590	1,480	21,900	
Potassium	Metals	NE	NE	NE	ug/kg	506,000	124,000	490,000	125,000	29,900	209,000	392,000	285,000	80,900	78,100	147,000	173,000	47,300	41,900	35,900		45,400	70,200	137,000	126,000	492,000	
Selenium	Metals	39,000	580,000	260	ug/kg	721 J	965 J	1,690 J	527 U	491 U	759 J	618 U	1,160 J	472 U	448 U	482 U	483 U	653 J	534 U	514 U		445 U	526 U	1,080 Ub	617 Ub	783 Ub	
Silver	Metals	39,000	580,000	NE	ug/kg	99.9 U	107 U	627 U	105 U	98.2 U	97.7 U	124 U	109 U	94.3 U	89.5 U	96.4 U	96.7 U	95.8 U	107 U	103 U		89.1 U	105 U	114 U	112 U	1,660 J	
Sodium	Metals	NE	NE	NE	ug/kg	66,300	24,000 J	207,000	37,000	10,100 J	105,000	136,000	58,300	29,600	29,700	52,500	48,100	22,500 J	18,100 J	27,000		6,230 U	7,360 U	103,000	25,600 J	231,000	
Thallium	Metals	78	1,200	140	ug/kg	499 U	537 U	627 U	527 U	491 U	489 U	618 U	547 U	472 U	448 U	482 U	483 U	479 U	534 U	514 U		445 U	526 U	571 U	558 U	495 U	
Vanadium	Metals	39,000	580,000	NE	ug/kg	22,900	3,060	26,000	3,060	634	7,670	9,170	14,800	3,140	2,940	6,170	6,670	10,500	8,600	7,810		5,400	7,150	7,460	4,900	51,900	
Zinc	Metals	2,300,000	35,000,000	NE	ug/kg	17,200	3,120	1,250,000	1,970 J	1,350 J	3,460	10,200	8,200	1,650 Ub	1,270 Ub	1,350 Ub	1,950 Ub	78,900	14,500	27,700		2,770	4,090	42,500	10,000	474,000	
Aroclor-1242	PCBs	230	950	NE	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		1.18 U	1.24 U	1.44 U	1.33 U	NA	
Aroclor-1248	PCBs	230	940	NE	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		1.18 U	1.24 U	1.44 U	1.33 U	NA	
Aroclor-1254	PCBs	120	970	NE	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		1.18 U	1.24 U	1.44 U	1.33 U	NA	
Aroclor-1260	PCBs	240	990	NE	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		4.94	3.91	1.44 U	1.33 U	NA	
4,4'-DDT	Pesticides	1,900	8,500	NE	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		0.354 U	0.373 U	0.428 U	0.399 U	NA	
cis-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		0.177 U	0.187 U	0.214 U	0.407 JP	NA	
trans-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		0.226 J	0.187 U	0.214 U	0.293 JP	NA	
1,1'-Biphenyl	SVOAs	4,700	20,000	NE	ug/kg	116 U	115 U	134 U	112 U	112 U	112 U	125 U	225 J	103 U	104 U	103 U	103 U	108 U	110 U	110 U		105 U	112 U	129 U	120 U	112 U	
2,4-Dimethylphenol	SVOAs	130,000	1,600,000	NE	ug/kg	446	115 U	134 U	112 U	112 U	112 U	125 U	123 U	103 U	104 U	103 U	103 U	108 U	110 U	110 U		105 U	112 U	129 U	120 U	112 U	
2-Methylnaphthalene	SVOAs	24,000	300,000	NE	ug/kg	118	11.5 U	67.6	11.2 U	11.2 U	11.2 U	94.9	8,690	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		20 J	11.2 U	12.9 U	12 U	20.2 J	
Acenaphthene	SVOAs	360,000	4,500,000	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	564	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		50.5	11.2 U	12.9 U	25.5 J	11.2 U	
Acenaphthylene	SVOAs	NE	NE	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	12.3 U	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		12.6 J	11.2 U	12.9 U	12 U	14.9 J	
Anthracene	SVOAs	1,800,000	23,000,000	NE	ug/kg	21.9 J	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	1,020	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		44.5	11.2 U	12.9 U	12 U	19.8 J	
Benzaldehyde	SVOAs	170,000	820,000	NE	ug/kg	116 R	115 R	134 R	112 R	112 R	112 R	125 R	123 R	103 UJ	104 UJ	103 UJ	103 UJ	108 UJ	110 UJ	110 UJ		105 U	112 U	129 UJ	120 UJ	112 UJ	
Benzo(a)anthracene	SVOAs	1,100	21,000	NE	ug/kg	30.4 J	11.5 U	23.3 J	11.2 U	11.2 U	11.2 U	12.5 U	770	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		163	11.2 U	36.7 J	51.9	49.7	
Benzo(a)pyrene	SVOAs	110	2,100	240	ug/kg	25 J	11.5 U	20.6 J	11.2 U	11.2 U	11.2 U	12.5 U	141	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		156	11.2 U	28 J	45.5	43	
Benzo(b)fluoranthene	SVOAs	1,100	21,000	NE	ug/kg	52.4	11.5 U	40.3 J	11.2 U	11.2 U	11.2 U	12.5 U	299	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		227	11.2 U	35.8 J	67	105	
Benzo(ghi)perylene	SVOAs	NE	NE	NE	ug/kg	25.4 J	11.5 U	20.1 J	11.2 U	11.2 U	11.2 U	12.5 U	36.4 J	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		105	11.2 U	26.7 J	31.5 J	48.6	
Benzo(k)fluoranthene	SVOAs	11,000	210,000	NE	ug/kg	12.3 J	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	88.7	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		85.6	11.2 U	28.9 J	22.7 J	31.8 J	
bis(2-Ethylhexyl)phthalate	SVOAs	39,000	160,000	1,400	ug/kg	11.6 U	11.5 U	39.9 J	11.2 U	11.2 U	11.2 U	12.5 U	12.3 U	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		16.5 J	11.2 U	329	12 U	47.5	
Butylbenzylphthalate	SVOAs	290,000	1,200,000	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	12.3 U	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		10.5 U	11.2 U	33.6 J	12 U	14.2 J	
Carbazole	SVOAs	NE	NE	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	377	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		36.5	11.2 U	22.4 J	12 U	11.2 U	
Chrysene	SVOAs	110,000	2,100,000	NE	ug/kg	43.9	11.5 U	36.7 J	11.2 U	11.2 U	11.2 U	12.5 U	732	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		171	11.2 U	32.3 J	49.1	72.9	
Dibenzo(a,h)anthracene	SVOAs	110	2,100	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	13.1 J	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		26.7 J	11.2 U	25 J	12 U	11.2 U	
Dibenzofuran	SVOAs	7,800	120,000	NE	ug/kg	116 U	115 U	134 U	112 U	112 U	112 U	125 U	1,010	103 U	104 U	103 U	103 U	108 U	110 U	110 U		105 U	112 U	129 U	120 U	112 U	
Diethylphthalate	SVOAs	5,100,000	66,000,000	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	12.3 U	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		10.5 U	11.2 U	14.2 J	12 U	11.2 U	
Dimethylphthalate	SVOAs	NE	NE	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	12.3 U	10.3 U	10.4 U	10.3 U	10.3 U	24.2 J	11 U	11 U		10.5 U	11.2 U	12.9 U	12 U	11.2 U	
Di-n-butylphthalate	SVOAs	630,000	8,200,000	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	12.3 U	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		10.5 U	11.2 U	27.2 J	12 U	11.2 U	
Di-n-octylphthalate	SVOAs	63,000	820,000	NE	ug/kg	11.6 U	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	12.3 U	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		10.5 U	11.2 U	26.3 J	12 U	11.2 U	
Fluoranthene	SVOAs	240,000	3,000,000	NE	ug/kg	74.7	21.4 J	55.5	11.2 U	11.2 U	11.2 U	12.5 U	6,210	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		386	11.2 U	34.1 J	82.2	87.1	
Fluorene	SVOAs	240,000	3,000,000	NE	ug/kg	16.2 J	11.5 U	13.4 U	11.2 U	11.2 U	11.2 U	12.5 U	1,570	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		38.9	11.2 U	12.9 U	12 U	11.2 U	
Indeno(1,2,3-cd)pyrene	SVOAs	1,100	21,000	NE	ug/kg	21.9 J	11.5 U	17.9 J	11.2 U	11.2 U	11.2 U	12.5 U	43.3	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		115	11.2 U	27.6 J	34.3 J	47.1	
Naphthalene	SVOAs	2,000	8,600	NE	ug/kg	114	34.8 J	53.3	11.2 U	11.2 U	11.2 U	12.5 U	1,290	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		10.5 U	11.2 U	12.9 U	12 U	11.2 J	
Phenanthrene	SVOAs	NE	NE	NE	ug/kg	129	27.5 J	70.7	11.2 U	11.2 U	11.2 U	12.5 U	8,060	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		283	11.2 U	16.4 J	15.6 J	49	
Phenol	SVOAs	1,900,000	25,000,000	NE	ug/kg	116 U	115 U	134 U	112 U	112 U	112 U	125 U	123 U	103 U	104 U	103 U	103 U	108 U	110 U	110 U		105 U	112 U	129 U	120 U	112 U	
Pyrene	SVOAs	180,000	2,300,000	NE	ug/kg	67.8	18.7 J	49.7	11.2 U	11.2 U	11.2 U	51.9	3,820	10.3 U	10.4 U	10.3 U	10.3 U	10.8 U	11 U	11 U		301	11.2 U	34.1 J	78.6	94.9	
2-Butanone	VOAs	2,700,000	19,000,000	NE	ug/kg	NA	4.39 J	NA	2.39 J	NA	7.55	NA	2.43 J	NA	NA	1.65 U	1.57 U	NA	1.46 U	1.12 U		NA	3.34 U	NA	5.51	NA	
4-Methyl-2-pentanone	VOAs	3,300,000	14,000,000	NE	ug/kg	NA	2.08 U	NA	1.23 U	NA	1.3 U	NA	1.5 U	NA	NA	1.65 U	1.57 U	NA	1.46 U	1.12 U		NA	3.34 U	NA	1.72 U	NA	
Acetone	VOAs	7,000,000	110,000,000	NE	ug/kg	NA	36.2	NA	37.9	NA	39.5	NA	33.7	NA	NA	1.65 U	1.57 U	NA	1.46 U	1.12 U		NA	3.34 U	NA	26.8	NA	
Benzene	VOAs	1,200	5,100	2.6	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	0.343 J	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
Carbon disulfide	VOAs	77,000	350,000	NE	ug/kg	NA	2.08 U	NA	1.23 U	NA	1.3 U	NA	1.5 U	NA	NA	1.65 U	1.57 U	NA	1.46 U	1.12 U		NA	3.34 U	NA	1.72 U	NA	
Chloroform	VOAs	320	1,400	22	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	0.3 U	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
cis-1,2-Dichloroethylene	VOAs	6,300	37,000	21	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	0.3 U	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
Cyclohexane	VOAs	650,000	2,700,000	NE	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.327 J	NA	0.3 U	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.782 J	NA	0.345 U	NA	
Ethylbenzene	VOAs	5,800	25,000	780	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	6.58	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
Isopropylbenzene	VOAs	190,000	990,000	NE	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	6.2	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
m,p-Xylenes	VOAs	55,000	240,000	NE	ug/kg	NA	0.834 U	NA	0.491 U	NA	0.52 U	NA	12.2	NA	NA	0.659 U	0.627 U	NA	0.584 U	0.447 U		NA	1.34 U	NA	0.69 U	NA	
Methyl acetate	VOAs	7,800,000	120,000,000	NE	ug/kg	NA	2.08 U	NA	1.23 U	NA	1.3 U	NA	4.76	NA	NA	1.65 U	1.57 U	NA	1.46 U	1.12 U		NA	3.34 U	NA	1.72 U	NA	
Methylcyclohexane	VOAs	9,800	41,000	NE	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.319 J	NA	1.27	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
Methylene chloride	VOAs	35,000	320,000	1.3	ug/kg	NA	2.08 U	NA	1.23 U	NA	1.3 U	NA	1.5 U	NA	NA	1.65 U	1.57 U	NA	1.46 U	1.12 U		NA	3.34 U	NA	1.72 U	NA	
o-Xylene	VOAs	64,000	280,000	NE	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.763 J	NA	5.89	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
Styrene	VOAs	600,000	3,500,000	110	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	0.3 U	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
Tetrachloroethylene	VOAs	8,100	39,000	2.3	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	0.3 U	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	
Toluene	VOAs	490,000	4,700,000	690	ug/kg	NA	0.416 U	NA	0.245 U	NA	0.259 U	NA	0.3 U	NA	NA	0.329 U	0.313 U	NA	0.292 U	0.223 U		NA	0.668 U	NA	0.345 U	NA	

Table 2
Summary of Constituents Detected in Soil Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Screening Levels			Units	LS-SB-18						LS-SB-19				LS-SB-20				LS-SB-21				LS-SB-22				LS-SB-23				LS-SB-24				LS-SB-25				LS-SB-26			
		R-RSL	I-RSL	MCL-SSL		LS-SB-18-2.0-DP		LS-SB-18-4.0		LS-SB-18-4.0-DP		LS-SB-19-2.0		LS-SB-19-4.0		LS-SB-20-1.0		LS-SB-20-4.0		LS-SB-21-2.0		LS-SB-21.4.0		LS-SB-22-1.0		LS-SB-22-3.0		LS-SB-23-1.0		LS-SB-23-3.0		LS-SB-24-1.0		LS-SB-24-3.0		LS-SB-25-3.0		LS-SB-25-4.0		LS-SB-26-2.0		LS-SB-26-3.5	
						1' - 2' bls		3' - 4' bls		3' - 4' bls		1' - 2' bls		3' - 4' bls		0' - 1' bls		3' - 4' bls		1' - 2' bls		3' - 4' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		2' - 3' bls		3' - 4' bls		1' - 2' bls		2.5'-3.5' bls	
						Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Cyanide, Total	Cyanide	2,400	16,000	2,000	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		87.1	U	93.9	U	NA		NA	
Hexavalent Chromium	Hexavalent Chromium	0.95	20	NE	mg/kg	0.134	U	0.145	UJ	0.163	U	0.124	U	0.126	U	0.148	U	0.132	U	3.03	U	0.733		0.919		0.163	U	0.125	U	0.107	U	0.106	U	0.0993	U	1.35		0.344		0.619		0.144	U
Aluminum	Metals	7,700,000	110,000,000	NE	ug/kg	6,810,000		5,430,000		5,370,000		8,590,000		6,800,000		6,350,000		4,220,000		1,580,000		2,280,000		15,200,000		8,860,000		1,490,000		3,110,000		1,550,000		1,330,000		16,400,000		10,700,000		11,400,000		6,470,000	J
Antimony	Metals	3,100	47,000	270	ug/kg	3,290	J	3,350	U	1,270	J	3,450	U	658	J	495	J	349	U	26,400		368	J	1,800	U	3,310	U	1,070	Ub	5,750		17,000	U	15,000	U	3,060	U	502	J	3,690	J	7,050	
Arsenic	Metals	680	3,000	290	ug/kg	13,000	J	6,730	Jh	8,710		6,830	J	5,630		3,100		1,040	J	2,900	J	1,710	J	2,730	U	9,510	J	1,960	J	1,780	J	25,700	U	26,500	J	5,230	J	4,750		16,700	J	7,180	
Barium	Metals	1,500,000	22,000,000	82,000	ug/kg	96,500		41,000		36,900		79,900		21,300		17,900		15,800		3,800,000		16,100		198,000		123,000		10,000		108,000		5,150	U	4,550	U	283,000		42,200		200,000		79,300	Jh
Beryllium	Metals	16,000	230,000	3,200	ug/kg	397	J	251	J	212	J	274	J	166	J	148	J	106	U	189	U	110	U	1,280	J	725		189	J	105	U	5,150	U	4,550	U	926	U	186	J	1,130	J	214	J
Cadmium	Metals	710	10,000	380	ug/kg	2,400	J	1,680	J	805		3,350	J	132	J	594		106	U	189	U	110	U	547	U	1,000	U	556		149	J	5,150	U	4,550	U	4,660		289	J	2,940	J	114	U
Calcium	Metals	NE	NE	NE	ug/kg	66,200,000		47,800,000		42,200,000		34,800,000		1,280,000		1,920,000		351,000		41,000,000		702,000		220,000,000		211,000,000		323,000,000		14,600,000		2,720,000		1,880,000		171,000,000		15,000,000		190,000,000		55,500,000	Jh
Chromium	Metals	85,000,000*	36,000,000*	180,000,000	ug/kg	276,000		240,000		214,000		138,000		19,000		36,200	Jh	3,510		7,070		6,110		634,000		381,000		4,980		11,200		645,000		698,000		1,910,000		102,000		510,000		40,000	Jh
Cobalt	Metals	2,300	35,000	NE	ug/kg	6,320		6,110		3,680		13,800		1,380		4,120		425	J	1,420	U	165	U	3,590		6,130		3,600		1,480		39,600		44,000		12,200		2,340		24,700		4,260	
Copper	Metals	310,000	4,700,000	46,000	ug/kg	153,000		194,000	Jl	87,600		150,000		13,300		46,800	J	1,050	J	103,000		1,710	J	68,400		78,100		3,810		30,800		1,020,000		1,090,000		188,000		15,100		359,000		140,000	Jh
Iron	Metals	5,500,000	82,000,000	NE	ug/kg	67,600,000		85,100,000	J	42,400,000		116,000,000		17,300,000		27,900,000	J	2,330,000		6,530,000		4,180,000		69,300,000		92,300,000		3,890,000		9,230,000		519,000,000		584,000,000		178,000,000		19,400,000		231,000,000		29,600,000	J
Lead	Metals	200,000	800,000	9,000	ug/kg	137,000		62,900	Jl	27,600		117,000		11,100		19,200	J	3,190		195,000		3,980		42,400		40,900		324	U	54,600		19,800	J	15,000	U	72,500		13,800		58,200		137,000	Jh
Magnesium	Metals	NE	NE	NE	ug/kg	11,700,000		4,570,000	J	3,420,000		4,400,000		362,000		475,000		116,000		1,660,000		144,000		27,500,000		13,700,000		3,370,000		1,070,000		438,000	U	387,000	U	43,100,000		2,950,000		18,900,000		2,740,000	J
Manganese	Metals	180,000	2,600,000	NE	ug/kg	4,410,000		1,920,000	J	1,320,000		2,590,000		107,000		240,000	J	6,400		247,000		14,100		18,700,000		9,770,000		371,000		239,000		4,100,000		5,210,000	J	35,400,000		1,960,000		10,800,000		551,000	J
Mercury	Metals	710	3,000	100	ug/kg	133		41.5		36.6		40.9		18.4	J	37.3		38		114		8.25	U	21	J	8.3	U	8.59	U	32.1		12.7	J	14.3	J	54.8		38.5		11.8	J	42.3	
Nickel	Metals	140,000	1,700,000	NE	ug/kg	34,900		62,400	Jl	49,700		55,100		4,380		13,200	J	1,120		3,820		420	J	32,400		44,100		10,800		4,900		333,000		369,000		61,500		6,000		141,000		14,700	
Potassium	Metals	NE	NE	NE	ug/kg	541,000		290,000	Jh	270,000		359,000		278,000		210,000		95,000		531,000		154,000		230,000		376,000		356,000		452,000		338,000	J	431,000	J	363,000		695,000		372,000		717,000	Jh
Selenium	Metals	39,000	580,000	260	ug/kg	12,700	J	8,360	J	1,020	Ub	5,220	U	1,180	Ub	856	J	1,070	J	4,080	J	680	Ub	20,300		17,800	J	1,700	J	526	U	25,700	U	22,800	U	25,100	J	2,150	J	13,600	J	3,540	
Silver	Metals	39,000	580,000	NE	ug/kg	9,700		1,010	U	436	J	1,040	U	102	U	170	J	106	U	189	U	110	U	2,030	J	1,020	J	983	U	105	U	5,150	U	4,550	U	4,480	J	455	J	1,730	J	572	U
Sodium	Metals	NE	NE	NE	ug/kg	269,000		132,000		125,000		218,000		53,400		28,800		19,500	J	266,000		15,100	J	504,000		897,000		176,000		69,900		726,000	J	575,000	J	366,000		176,000		412,000		163,000	
Thallium	Metals	78	1,200	140	ug/kg	533	U	507	U	507	U	522	U	510	U	501	U	529	U	947	U	551	U	2,730	U	501	U	491	U	526	U	25,700	U	22,800	U	4,630	U	569	U	5,530	U	572	U
Vanadium	Metals	39,000	580,000	NE	ug/kg	143,000		70,600	Jl	27,200		126,000		26,500		12,300		5,290		5,130		11,900		249,000		183,000		5,400		7,930		54,300		60,800		299,000		42,800		226,000		43,900	Jh
Zinc	Metals	2,300,000	35,000,000	NE	ug/kg	442,000		339,000	J	96,200		664,000		24,500		70,800	J	3,070		118,000		2,530		190,000		155,000		20,800		33,500		48,000	J	36,400	J	376,000		40,500		303,000		102,000	Jh
Aroclor-1242	PCBs	230	950	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		334		30		NA		NA	
Aroclor-1248	PCBs	230	940	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		24.4	U	1.29	U	NA		NA	
Aroclor-1254	PCBs	120	970	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		122		21.6		NA		NA	
Aroclor-1260	PCBs	240	990	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		79.3		21.8		NA		NA	
4,4'-DDT	Pesticides	1,900	8,500	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.368	U	0.389	U	NA		NA	
cis-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.184	U	0.195	U	NA		NA	
trans-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.184	U	0.195	U	NA		NA	
1,1'-Biphenyl	SVOAs	4,700	20,000	NE	ug/kg	113	U	112	U	112	U	108	U	113	U	113	UJ	116	U	199	U	110	U	113	U	115	U	114	U	117	U	107	U	106	U	110	U	116	U	111	U	116	U
2,4-Dimethylphenol	SVOAs	130,000	1,600,000	NE	ug/kg	113	U	112	U	112	U	108	U	113	U	113	UJ	116	U	199	U	110	U	113	U	115	U	114	U	117	U	107	U	106	U	110	U	116	U	111	U	116	U
2-Methylnaphthalene	SVOAs	24,000	300,000	NE	ug/kg	27.1	J	53		55.5		10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	11.7	U	32.4	J	10.6	U	15.1	J	11.6	U	11.1	U	81.9	
Acenaphthene	SVOAs	360,000	4,500,000	NE	ug/kg	11.3	U	41.4		42.4		10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	13.7	J	10.7	U	10.6	U	11	U	11.6	U	11.1	U	12	J
Acenaphthylene	SVOAs	NE	NE	NE	ug/kg	17.3	J	11.2	U	12.3	J	14.8	J	11.3	U	11.3	UJ	11.6	U	38.4	J	11	U	11.3	U	11.5	U	11.4	U	25	J	10.7	U	10.6	U	11	U	11.6	U	11.1	U	181	
Anthracene	SVOAs	1,800,000	23,000,000	NE	ug/kg	21.5	J	22.4	J	25.7	J	16.6	J	11.3	U	11.3	UJ	11.6	U	33.8	J	11	U	11.3	U	11.5	U	11.4	U	17.6	J	10.7	U	10.6	U	15.1	J	11.6	U	11.1	U	149	
Benzaldehyde	SVOAs	170,000	820,000	NE	ug/kg	113	UJ	112	UJ	112	UJ	108	UJ	113	UJ	113	UJ	116	UJ	1,270	Jl	110	UJ	113	U	115	UJ	114	U	117	U	107	U	106	U	110	UJ	116	UJ	111	UJ	116	R
Benzo(a)anthracene	SVOAs	1,100	21,000	NE	ug/kg	64.4		54.5		54.3		34.9	J	11.3	U	17.3	J	16.2	J	113		47.9		12.1	J	18.5	J	11.4	U	48.8		22.1	J	11.6	J	76.8		27.5	J	20.8	J	859	
Benzo(a)pyrene	SVOAs	110	2,100	240	ug/kg	57.2		47.4		45		37.1		11.3	U	16.6	J	11.6	U	137		43.5		11.3	U	17.3	J	11.4	U	54.3		10.7	U	10.6	U	43.3		16.6	J	26	J	798	
Benzo(b)fluoranthene	SVOAs	1,100	21,000	NE	ug/kg	142		78.3		80.4		86.4		11.3	U	24.9	J	18.9	J	297		56.7		17	J	26.5	J	11.4	U	83.2		10.7	U	10.6	U	97		36.8	J	47.2		1,200	
Benzo(ghi)perylene	SVOAs	NE	NE	NE	ug/kg	70.4		35.8	J	38.3		31.7	J	11.3	U	11.3	UJ	11.6	U	195		32.8	J	11.3	U	16.9	J	11.4	U	64.4		17.4	J	10.6	U	11	U	11.6	U	24.9	J	483	
Benzo(k)fluoranthene	SVOAs	11,000	210,000	NE	ug/kg	46.3		24.6	J	26.1	J	27	J	11.3	U	11.3	UJ	11.6	U	82.1		18	J	11.3	U	11.5	U	11.4	U	27.3	J	10.7	U	10.6	U	27.6	J	11.6	U	15.6	J	431	
bis(2-Ethylhexyl)phthalate	SVOAs	39,000	160,000	1,400	ug/kg	108		38.8		54		10.8	U	11.3	U	42.6	J	11.6	U	76.8		11	U	12.1	J	21.5	J	318		11.7	U	37.7		21.5	J	33.8	J	27.9	J	28.2	J	11.6	U
Butylbenzylphthalate	SVOAs	290,000	1,200,000	NE	ug/kg	60.6		11.2	U	16.4	J	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	11.7	U	10.7	U	10.6	U	11	U	11.6	U	11.1	U	11.6	U
Carbazole	SVOAs	NE	NE	NE	ug/kg	11.3	U	11.2	U	11.2	U	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	11.7	U	10.7	U	10.6	U	11	U	11.6	U	11.1	U	62.8	
Chrysene	SVOAs	110,000	2,100,000	NE	ug/kg	102		67.9		70		54		11.3	U	12.4	J	11.6	U	160		44.6		11.3	U	18.8	J	11.4	U	54.3		27.1	J	12.7	J	103		35.6	J	33.4	J	945	
Dibenzo(a,h)anthracene	SVOAs	110	2,100	NE	ug/kg	14.7	J	11.2	U	11.2	U	10.8	U	11.3	U	11.3	U	11.6	U	35.8	J	11	U	11.3	U	11.5	U	11.4	U	12.5	J	10.7	U	10.6	U	11	U	11.6	U	11.1	U	144	
Dibenzofuran	SVOAs	7,800	120,000	NE	ug/kg	113	U	112	U	112	U	108	U	113	U	113	UJ	116	U	199	U	110	U	113	U	115	U	114	U	117	U	107	U	106	U	110	U	116	U	111	U	116	U
Diethylphthalate	SVOAs	5,100,000	66,000,000	NE	ug/kg	11.3	U	11.2	U	11.2	U	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	11.7	U	10.7	U	10.6	U	11	U	11.6	U	11.1	U	11.6	U
Dimethylphthalate	SVOAs	NE	NE	NE	ug/kg	11.3	U	11.2	U	11.2	U	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	11.7	U	10.7	U	10.6	U	11	U	11.6	U	11.1	U	11.6	U
Di-n-butylphthalate	SVOAs	630,000	8,200,000	NE	ug/kg	16.6	J	11.2	U	11.2	U	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	14.6	J	11.4	U	11.7	U	10.7	U	10.6	U	11	U	11.6	U	11.1	J	11.6	U
Di-n-octylphthalate	SVOAs	63,000	820,000	NE	ug/kg	11.3	U	11.2	U	11.2	U	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	19.4	J	11.7	U	10.7	U	10.6	U	11	U	11.6	U	11.1	U	11.6	U
Fluoranthene	SVOAs	240,000	3,000,000	NE	ug/kg	131		142		153		46.8		11.3	U	21.9	J	23.1	J	127		67.8		20.8	J	41.2		11.4	U	84.3		59.8		27.2	J	198		64.7		37.9		1,640	Jl
Fluorene	SVOAs	240,000	3,000,000	NE	ug/kg	11.3	U	31.3	J	31.3	J	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	11.7	U	15.7	J	10.6	U	11	U	11.6	U	11.1	U	26.8	J
Indeno(1,2,3-cd)pyrene	SVOAs	1,100	21,000	NE	ug/kg	67		33.9	J	35.7	J	31	J	11.3	U	13.9	J	11.6	U	163		32.4	J	11.3	U	15.8	J	11.4	U	55		10.7	U	10.6	U	32	J	13.9	J	23.4	J	545	
Naphthalene	SVOAs	2,000	8,600	NE	ug/kg	15.8	J	28.7	J	30.9	J	10.8	U	11.3	U	11.3	UJ	11.6	U	19.9	U	11	U	11.3	U	11.5	U	11.4	U	20.3	J	34.9	J	13.4	J	11	U	11.6	U	11.1	U	73.7	
Phenanthrene	SVOAs	NE	NE	NE	ug/kg	89.2		146		150		10.8	U	11.3	U	11.3	J	13.5	J	54.3	J	11	U	12.1	J	23.5	J	11.4	U	35.1	J	59.8		23.6	J	92.2		23.6	J	21.2	J	652	
Phenol	SVOAs	1,900,000	25,000,000	NE	ug/kg	113	U	112	U	112	U	108	U	113	U	113	R	116	U	199	U	110	U	113	U	115	U	114	U	117	U	107	U	106	U	110	U	116	U	111	U	116	U
Pyrene	SVOAs	180,000	2,300,000	NE	ug/kg	132		124		133		59		11.3	U	20.4	J	22	J	120		73.7		16.6	J	32.3	J	21.3	J	76.5		55.5		28.2	J	174		59.2		30.1	J	1,430	Jl
2-Butanone	VOAs	2,700,000	19,000,000	NE	ug/kg	NA		3.49	J	2.48	J	NA		4.19	J	NA		18.9		NA		1.5	U	NA		1.05	U	NA		4.09	J	NA		2.41	J	NA		1.54	U	NA		1.54	U
4-Methyl-2-pentanone	VOAs	3,300,000	14,000,000	NE	ug/kg	NA		1.63	U	1.64	U	NA		1.72	U	NA		1.73	U	NA		1.5	U	NA		1.05	U	NA		1.85	U	NA		0.933	U	NA		1.54	U	NA		1.54	U
Acetone	VOAs	7,000,000	110,000,000	NE	ug/kg	NA		29.1		29.2		NA		36.9		NA		94.7		NA		1.5	U	NA		3.1	J	NA		25.8		NA		16.8		NA		9.38		NA		1.54	U
Benzene	VOAs	1,200	5,100	2.6	ug/kg	NA		0.333	J	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Carbon disulfide	VOAs	77,000	350,000	NE	ug/kg	NA		1.81	J	1.64	U	NA		1.72	U	NA		1.73	U	NA		1.5	U	NA		1.05	U	NA		1.85	U	NA		3.99		NA		1.54	U	NA		1.54	U
Chloroform	VOAs	320	1,400	22	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
cis-1,2-Dichloroethylene	VOAs	6,300	37,000	21	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.538	J	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Cyclohexane	VOAs	650,000	2,700,000	NE	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Ethylbenzene	VOAs	5,800	25,000	780	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Isopropylbenzene	VOAs	190,000	990,000	NE	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.679	J	NA		0.358	J	NA		0.308	U	NA		0.308	U
m,p-Xylenes	VOAs	55,000	240,000	NE	ug/kg	NA		0.654	U	0.658	U	NA		0.687	U	NA		0.69	U	NA		0.6	U	NA		0.422	U	NA		0.742	U	NA		0.373	U	NA		0.616	U	NA		0.617	U
Methyl acetate	VOAs	7,800,000	120,000,000	NE	ug/kg	NA		1.63	U	1.64	U	NA		1.72	U	NA		1.73	U	NA		1.5	U	NA		1.05	U	NA		1.85	U	NA		0.933	U	NA		1.54	U	NA		1.54	U
Methylcyclohexane	VOAs	9,800	41,000	NE	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Methylene chloride	VOAs	35,000	320,000	1.3	ug/kg	NA		1.63	U	1.64	U	NA		1.72	U	NA		1.73	U	NA		1.5	U	NA		1.05	U	NA		1.85	U	NA		0.933	U	NA		1.54	U	NA		1.54	U
o-Xylene	VOAs	64,000	280,000	NE	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Styrene	VOAs	600,000	3,500,000	110	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Tetrachloroethylene	VOAs	8,100	39,000	2.3	ug/kg	NA		0.326	U	0.328	U	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		2.07		NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U
Toluene	VOAs	490,000	4,700,000	690	ug/kg	NA		0.471	J	0.365	J	NA		0.343	U	NA		0.345	U	NA		0.299	U	NA		0.21	U	NA		0.371	U	NA		0.186	U	NA		0.308	U	NA		0.308	U

Table 2
Summary of Constituents Detected in Soil Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Screening Levels			Units	LS-SB-27				LS-SB-28				LS-SB-29				LS-SB-30				LS-SB-31				LS-SB-32				LS-SB-33								LS-SB-34				LS-S
		R-RSL	I-RSL	MCL-SSL		LS-SB-27-2.0		LS-SB-27-4.0		LS-SB-28-1.0		LS-SB-28-3.0		LS-SB-29-2.0		LS-SB-29-4.0		LS-SB-30-3.0		LS-SB-30-6.0		LS-SB-31-1.0		LS-SB-31-3.0		LS-SB-32-1.0		LS-SB-32-3.0		LS-SB-33-4.0		LS-SB-33-4.0-DP		LS-SB-33-7.0		LS-SB-33-7.0-DP		LS-SB-34-1.0		LS-SB-34-2.5		LS-SB-35-1.0	
						1' - 2' bls		3' - 4' bls		0' - 1' bls		2' - 3' bls		1' - 2' bls		3' - 4' bls		2' - 3' bls		5' - 6' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		3' - 4' bls		3' - 4' bls		6' - 7' bls		6' - 7' bls		0' - 1' bls		1.5'-2.5' bls		0' - 1' bls	
						Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Cyanide, Total	Cyanide	2,400	16,000	2,000	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Hexavalent Chromium	Hexavalent Chromium	0.95	20	NE	mg/kg	0.122	U	0.165	U	0.143	U	0.117	U	0.213	J	0.145	J	0.153	U	0.184	J	0.14	R	0.122	U	0.0939	U	0.108	U	0.559		0.676		0.155	U	0.124	U	0.349		0.319		0.118	U
Aluminum	Metals	7,700,000	110,000,000	NE	ug/kg	850,000		6,640,000		8,850,000		5,930,000		12,800,000		8,390,000		4,770,000		6,400,000		1,170,000		3,660,000		3,620,000		3,880,000		3,460,000		3,120,000		4,360,000		2,660,000		12,200,000		10,800,000		3,810,000	
Antimony	Metals	3,100	47,000	270	ug/kg	1,390	J	1,170	J	3,600	U	9,720	J	6,860	J	344	U	312	U	384	U	15,600	U	3,420	U	15,400	UJ	621	J	661	J	446	J	440	J	345	U	8,110	J	14,600	J	3,520	U
Arsenic	Metals	680	3,000	290	ug/kg	5,150		3,490		24,200	J	11,300	J	5,300	U	4,330		2,310	J	3,920		23,700	U	5,190	U	23,300	UJ	614	J	1,350	J	1,540	J	949	J	523	U	16,100		18,500	J	5,330	U
Barium	Metals	1,500,000	22,000,000	82,000	ug/kg	12,400		17,200		168,000		108,000		315,000		34,500		25,400		16,600		12,600	J	29,700		14,400	J	104,000		10,800		10,200		9,240		5,760		220,000		465,000		62,100	
Beryllium	Metals	16,000	230,000	3,200	ug/kg	129	J	183	J	1,090	U	992	U	1,100	J	151	J	242	J	176	J	4,730	U	1,040	U	4,660	U	173	J	123	U	110	U	116	J	105	U	1,360		659		1,070	U
Cadmium	Metals	710	10,000	380	ug/kg	739		102	U	6,510		6,750		8,760		849		94.5	U	116	U	4,730	U	1,040	U	4,660	U	96.8	U	123	U	110	U	112	U	105	U	4,150		31,300		4,620	J
Calcium	Metals	NE	NE	NE	ug/kg	388,000,000		1,470,000		61,600,000		57,500,000		124,000,000		6,000,000		326,000	JI	158,000		10,200,000		12,500,000		1,970,000		925,000		8,420,000		11,700,000		165,000		122,000		117,000,000		69,400,000		104,000,000	J
Chromium	Metals	85,000,000*	36,000,000*	180,000,000	ug/kg	6,310		12,300		523,000		614,000		461,000		27,200		3,600		7,350		296,000		71,100		33,300	J	6,440		10,200		10,600		3,250		2,240		961,000		469,000		408,000	
Cobalt	Metals	2,300	35,000	NE	ug/kg	4,110		551		19,400		24,500		5,920		928		764		1,180		18,500	J	4,030	J	25,100	J	1,270		1,130		3,110		415	J	305	J	7,860		15,700		15,400	
Copper	Metals	310,000	4,700,000	46,000	ug/kg	3,380		2,250		274,000		419,000		141,000		13,500		821	J	1,120	J	377,000		10,400	J	20,000	JI	1,370	J	6,630		6,540		791	J	558	J	195,000		675,000		233,000	
Iron	Metals	5,500,000	82,000,000	NE	ug/kg	3,320,000		7,500,000		181,000,000		280,000,000		100,000,000		16,300,000		2,940,000		4,570,000		498,000,000		274,000,000		662,000,000		9,000,000		6,950,000		10,800,000		2,390,000		1,320,000		208,000,000		195,000,000		338,000,000	
Lead	Metals	200,000	800,000	9,000	ug/kg	3,590	U	9,150		289,000		228,000		420,000		39,500		3,360		3,210		15,600	U	10,600	J	53,500	Jh	4,370		8,610		12,400		2,600		1,530	J	150,000		2,490,000		145,000	Jh
Magnesium	Metals	NE	NE	NE	ug/kg	5,040,000		502,000		13,100,000		14,600,000		20,700,000		1,230,000		131,000		234,000		1,490,000		1,220,000		1,270,000	Jh	191,000		266,000		284,000		108,000		56,300		35,300,000		22,000,000		12,500,000	
Manganese	Metals	180,000	2,600,000	NE	ug/kg	307,000		49,900		11,900,000		7,330,000		9,020,000		519,000		21,700		14,200		2,820,000		738,000		1,960,000	J	25,100		37,600		40,700		8,260		4,720		17,200,000		9,350,000		3,410,000	
Mercury	Metals	710	3,000	100	ug/kg	8.39	U	28.6		163		126		35.4		47.3		13.7	J	16	J	28.7		19.7	J	49		141		39.7		69.2		8.83	U	9.58	U	151		834		199	
Nickel	Metals	140,000	1,700,000	NE	ug/kg	11,800		1,630		96,600		139,000		42,600		5,700		1,220		1,520		145,000		7,020		32,700		1,530		3,470		3,410		1,210		729		64,400		144,000		115,000	JI
Potassium	Metals	NE	NE	NE	ug/kg	525,000		453,000		305,000		164,000	J	344,000		340,000		115,000		232,000		303,000	U	251,000	J	298,000	UJ	157,000		151,000		136,000		71,200		41,100		248,000		310,000		259,000	J
Selenium	Metals	39,000	580,000	260	ug/kg	3,500	Ub	745	Ub	14,300	J	10,800	J	10,300	J	1,800	J	473	U	581	U	28,000	J	6,480	J	23,300	UJ	484	U	1,120	J	767	J	562	U	523	U	29,000		31,300	J	20,700	J
Silver	Metals	39,000	580,000	NE	ug/kg	1,090	U	102	U	1,880	J	2,570	J	2,170	J	104	U	94.5	U	116	U	4,730	U	1,040	U	4,660	UJ	96.8	U	123	U	110	U	112	U	105	U	4,740		4,360	J	2,700	J
Sodium	Metals	NE	NE	NE	ug/kg	221,000		51,000		119,000	J	70,400	J	470,000		101,000		45,500		46,700		331,000	U	92,200	J	326,000	R	30,700		55,100		65,700		92,400		58,600		445,000		462,000		157,000	J
Thallium	Metals	78	1,200	140	ug/kg	543	U	511	U	5,450	U	4,960	U	5,300	U	521	U	473	U	581	U	23,700	U	5,190	U	23,300	UJ	484	U	616	U	549	U	562	U	523	U	2,570	U	1,740	J	5,330	U
Vanadium	Metals	39,000	580,000	NE	ug/kg	5,620		18,500		186,000		125,000		434,000		41,300		5,490		10,100		80,200		32,700		48,500	JI	7,790		7,610		11,400		5,600		3,060		627,000		360,000		92,400	Jh
Zinc	Metals	2,300,000	35,000,000	NE	ug/kg	21,100	J	6,990		1,500,000		1,300,000		2,410,000		183,000		2,290		4,160		127,000		30,000		37,500	J	10,400		19,900		27,100		3,620		2,040	J	2,130,000		13,700,000		2,290,000	
Aroclor-1242	PCBs	230	950	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1248	PCBs	230	940	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1254	PCBs	120	970	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1260	PCBs	240	990	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
4,4'-DDT	Pesticides	1,900	8,500	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
cis-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
trans-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1'-Biphenyl	SVOAs	4,700	20,000	NE	ug/kg	107	U	117	U	113	U	109	U	110	U	111	U	113	U	122	U	107	U	112	U	108	U	108	U	123	U	123	U	120	U	121	U	108	U	113	U	107	U
2,4-Dimethylphenol	SVOAs	130,000	1,600,000	NE	ug/kg	107	U	117	U	113	U	109	U	110	U	111	U	113	U	122	U	107	U	112	U	108	U	108	U	123	U	123	U	120	U	121	U	108	UJ	113	U	107	U
2-Methylnaphthalene	SVOAs	24,000	300,000	NE	ug/kg	10.7	U	1,180		22.9	J	23.3	J	22.5	J	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	178		10.8	U	12.3	U	12.3	U	12	U	12.1	U	74		34.4	J	19.2	J
Acenaphthene	SVOAs	360,000	4,500,000	NE	ug/kg	10.7	U	11.7	U	11.3	U	10.9	U	11	U	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	18	J	10.8	U	12.3	U	12.3	U	12	U	12.1	U	20.9	J	11.3	U	10.7	U
Acenaphthylene	SVOAs	NE	NE	NE	ug/kg	10.7	U	11.7	U	11.3	U	10.9	U	13.6	J	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	13.4	J	31.8	J	37.4	
Anthracene	SVOAs	1,800,000	23,000,000	NE	ug/kg	10.7	U	11.7	U	15.4	J	12	J	11.8	J	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	11.1	J	10.8	U	12.3	U	12.3	U	12	U	12.1	U	48.7		40.1		49.4	
Benzaldehyde	SVOAs	170,000	820,000	NE	ug/kg	107	UJ	117	UJ	113	UJ	109	UJ	110	UJ	111	U	113	R	122	R	107	U	112	UJ	108	UJ	108	U	123	R	123	R	120	R	121	R	108	UJ	113	R	107	UJ
Benzo(a)anthracene	SVOAs	1,100	21,000	NE	ug/kg	10.7	U	11.7	U	27.4	J	24.7	J	53.7		13.4	J	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	13.3	J	12.3	U	12.3	U	12	U	12.1	U	185		116		73.6	
Benzo(a)pyrene	SVOAs	110	2,100	240	ug/kg	10.7	U	11.7	U	27.8	J	29.8	J	47.5		11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	14.4	J	12.3	U	12.3	U	12	U	12.1	U	165		99.4		106	
Benzo(b)fluoranthene	SVOAs	1,100	21,000	NE	ug/kg	10.7	U	11.7	U	64.2		56.3		125		23	J	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	18	J	12.3	U	12.3	U	12	U	12.1	U	335		240		260	
Benzo(ghi)perylene	SVOAs	NE	NE	NE	ug/kg	10.7	U	11.7	U	68.7		36.7		56.7		13.7	J	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	14.1	J	12.3	U	12.3	U	12	U	12.1	U	150		108		198	
Benzo(k)fluoranthene	SVOAs	11,000	210,000	NE	ug/kg	10.7	U	11.7	U	16.9	J	16.7	J	35.3	J	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	106		74.5		80	
bis(2-Ethylhexyl)phthalate	SVOAs	39,000	160,000	1,400	ug/kg	10.7	U	11.7	U	301		22.5	J	11	U	12.6	BJ	11.3	U	12.2	U	10.7	U	11.2	J	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	120		254		308	
Butylbenzylphthalate	SVOAs	290,000	1,200,000	NE	ug/kg	10.7	U	11.7	U	85.6		18.9	J	11	U	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	36.1		354		10.7	U
Carbazole	SVOAs	NE	NE	NE	ug/kg	10.7	U	11.7	U	11.3	U	10.9	U	11	U	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	17	J	19.3	J	14.9	J
Chrysene	SVOAs	110,000	2,100,000	NE	ug/kg	10.7	U	11.7	U	37.2	J	33.4	J	83.6		20	J	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	273		207		148	
Dibenzo(a,h)anthracene	SVOAs	110	2,100	NE	ug/kg	10.7	U	11.7	U	11.3	U	10.9	U	12.5	J	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	35.4	J	25.3	J	32	J
Dibenzofuran	SVOAs	7,800	120,000	NE	ug/kg	107	U	117	U	113	U	109	U	110	U	111	U	113	U	122	U	107	U	112	U	108	U	108	U	123	U	123	U	120	U	121	U	108	U	113	U	107	U
Diethylphthalate	SVOAs	5,100,000	66,000,000	NE	ug/kg	10.7	U	11.7	U	11.3	U	10.9	U	11	U	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	J	10.8	U	12.3	U	12.3	U	12	U	12.1	U	10.8	UJ	11.3	U	10.7	U
Dimethylphthalate	SVOAs	NE	NE	NE	ug/kg	10.7	U	11.7	U	11.3	U	10.9	U	11	U	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	10.8	U	66.2		10.7	U
Di-n-butylphthalate	SVOAs	630,000	8,200,000	NE	ug/kg	10.7	U	11.7	U	37.2	J	10.9	U	11	U	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	10.8	U	23.4	J	10.7	U
Di-n-octylphthalate	SVOAs	63,000	820,000	NE	ug/kg	10.7	U	11.7	U	11.3	U	10.9	U	11	U	39.7		11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	10.8	U	12.3	U	12.3	U	12	U	12.1	U	10.8	U	11.3	U	10.7	U
Fluoranthene	SVOAs	240,000	3,000,000	NE	ug/kg	10.7	U	12.1	J	44.3		33.8	J	95.7		21.9	J	11.3	U	12.2	U	10.7	U	11.2	U	54.6		14.1	J	12.3	U	12.3	U	12	U	12.1	U	375		243		126	
Fluorene	SVOAs	240,000	3,000,000	NE	ug/kg	10.7	U	22.3	J	11.3	U	10.9	U	11	U	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	80.5		10.8	U	12.3	U	12.3	U	12	U	12.1	U	14.4	J	11.3	U	10.7	U
Indeno(1,2,3-cd)pyrene	SVOAs	1,100	21,000	NE	ug/kg	10.7	U	11.7	U	40.9		33.8	J	56		11.9	J	11.3	U	12.2	U	10.7	U	11.2	U	10.8	U	12.3	J	12.3	U	12.3	U	12	U	12.1	U	158		103		182	
Naphthalene	SVOAs	2,000	8,600	NE	ug/kg	10.7	U	11.7	U	12.4	J	11.6	J	15.5	J	11.1	U	11.3	U	12.2	U	10.7	U	11.2	U	142		10.8	U	12.3	U	12.3	U	12	U	12.1	U	48		35.2	J	13.2	J
Phenanthrene	SVOAs	NE	NE	NE	ug/kg	10.7	U	34	J	31.9	J	20.7	J	40.9		14.1	J	11.3	U	12.2	U	10.7	U	11.2	U	80.5		11.5	J	12.3	U	12.3	U	12	U	12.1	U	242		130		59.8	
Phenol	SVOAs	1,900,000	25,000,000	NE	ug/kg	107	U	117	U	113	U	109	U	110	U	111	U	113	U	122	U	107	U	112	U	108	U	108	U	123	U	123	U	120	U	121	U	108	U	113	U	107	U
Pyrene	SVOAs	180,000	2,300,000	NE	ug/kg	10.7	U	20.3	J	36.8	J	31.2	J	90.2		18.9	J	11.3	U	12.2	U	10.7	U	11.2	U	209		20.6	J	12.3	U	12.3	U	12	U	12.1	U	302		304		129	
2-Butanone	VOAs	2,700,000	19,000,000	NE	ug/kg	NA		2,640	U	NA		1.35	U	NA		1.6	U	NA		3.79	J	NA		1.52	U	NA		1.68	U	NA		NA		6.09		3.26	J	NA		1.35	U	NA	
4-Methyl-2-pentanone	VOAs	3,300,000	14,000,000	NE	ug/kg	NA		2,640	U	NA		1.35	U	NA		1.6	U	NA		1.42	U	NA		1.52	U	NA		1.68	U	NA		NA		1.37	U	1.48	U	NA		1.35	U	NA	
Acetone	VOAs	7,000,000	110,000,000	NE	ug/kg	NA		2,640	U	NA		5.11		NA		6.56		NA		19.3		NA		3.92	J	NA		6.2		NA		NA		37.3		27.5		NA		9.14		NA	
Benzene	VOAs	1,200	5,100	2.6	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
Carbon disulfide	VOAs	77,000	350,000	NE	ug/kg	NA		2,640	U	NA		1.35	U	NA		1.6	U	NA		1.42	U	NA		1.52	U	NA		1.68	U	NA		NA		1.37	U	1.48	U	NA		1.35	U	NA	
Chloroform	VOAs	320	1,400	22	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
cis-1,2-Dichloroethylene	VOAs	6,300	37,000	21	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
Cyclohexane	VOAs	650,000	2,700,000	NE	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
Ethylbenzene	VOAs	5,800	25,000	780	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.553	J	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
Isopropylbenzene	VOAs	190,000	990,000	NE	ug/kg	NA		3,690		NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
m,p-Xylenes	VOAs	55,000	240,000	NE	ug/kg	NA		1,060	U	NA		0.541	U	NA		0.64	U	NA		0.567	U	NA		0.609	U	NA		2.31		NA		NA		0.549	U	0.592	U	NA		0.539	U	NA	
Methyl acetate	VOAs	7,800,000	120,000,000	NE	ug/kg	NA		2,640	U	NA		1.35	U	NA		1.6	U	NA		1.42	U	NA		1.52	U	NA		1.68	U	NA		NA		1.37	U	1.48	U	NA		1.35	U	NA	
Methylcyclohexane	VOAs	9,800	41,000	NE	ug/kg	NA		86,900		NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.288	J	0.295	U	NA		0.269	U	NA	
Methylene chloride	VOAs	35,000	320,000	1.3	ug/kg	NA		2,640	U	NA		1.35	U	NA		1.6	U	NA		1.42	U	NA		1.52	U	NA		1.68	U	NA		NA		1.37	U	2.33	J	NA		1.35	U	NA	
o-Xylene	VOAs	64,000	280,000	NE	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		1.12		NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
Styrene	VOAs	600,000	3,500,000	110	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
Tetrachloroethylene	VOAs	8,100	39,000	2.3	ug/kg	NA		527	U	NA		0.27	U	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	
Toluene	VOAs	490,000	4,700,000	690	ug/kg	NA		527	U	NA		0.389	J	NA		0.32	U	NA		0.283	U	NA		0.304	U	NA		0.335	U	NA		NA		0.274	U	0.295	U	NA		0.269	U	NA	

Table 2
Summary of Constituents Detected in Soil Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Screening Levels			Units	B-35		LS-SB-36				LS-SB-37				LS-SB-38				LS-SB-39						LS-SB-40				LS-SB-41				LS-SB-42				LS-SB-43			
						LS-SB-35-3.0		LS-SB-36-0.5		LS-SB-36-3.0		LS-SB-37-1.0		LS-SB-37-3.0		LS-SB-38-1.0		LS-SB-38-5.0		LS-SB-39-1.0		LS-SB-39-1.0 DP		LS-SB-39-3.0		LS-SB-40-2.0		LS-SB-40-3.0		LS-SB-41-1.0		LS-SB-41-3.0		LS-SB-42-1.0		LS-SB-42-3.0		LS-SB-43-1.0		LS-SB-43-3.0			
		R-RSL	I-RSL	MCL-SSL		2' - 3' bls		0' - 0.5' bls		2' - 3' bls		0' - 1.0' bls		2'-3' bls		0' - 1.0' bls		4' - 5' bls		0' - 1' bls		0' - 1' bls		2' - 3' bls		1' - 2' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls			
						Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.		
Cyanide, Total	Cyanide	2,400	16,000	2,000	ug/kg	NA		224	Jh	159	J	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
Hexavalent Chromium	Hexavalent Chromium	0.95	20	NE	mg/kg	0.107	U	12.5		0.19	Jl	0.142	J	0.87		0.112	U	0.317		0.157	U	0.118	U	3.27		0.317	J	0.162	U	0.225	J	0.315		0.556		0.502		0.219	Jl	0.18	U		
Aluminum	Metals	7,700,000	110,000,000	NE	ug/kg	3,550,000		10,900,000		5,100,000		11,700,000		19,700,000		6,390,000		5,730,000		1,180,000		1,100,000		14,200,000		27,700,000		2,760,000		13,800,000		10,900,000		10,400,000		8,440,000		9,680,000		18,500,000			
Antimony	Metals	3,100	47,000	270	ug/kg	6,860	U	3,320	U	3,120	U	6,170	U	2,510	Ub	7,840	Ub	22,800	Ub	1,190	Ub	962	Ub	3,330	U	10,600	J	470	J	3,110	U	373	U	5,660	J	8,800	J	370	U	4,020	U		
Arsenic	Metals	680	3,000	290	ug/kg	19,900	J	15,400	J	6,950	J	9,350	U	10,700	J	20,800	J	31,900	J	2,380	J	1,950	J	5,420	J	7,180	J	1,550	J	4,710	U	7,670		6,570	J	8,770	J	5,390		9,940	J		
Barium	Metals	1,500,000	22,000,000	82,000	ug/kg	56,000		205,000		99,400		64,100		701,000		82,900	Jh	219,000		8,070		5,990		177,000		571,000		19,600		210,000		18,100		179,000		176,000		36,000	Jl	85,800			
Beryllium	Metals	16,000	230,000	3,200	ug/kg	364	J	714		471	J	741	J	898	J	504	U	715	J	253	J	198	J	1,280		2,570	J	99.9	U	1,240	J	168	J	971	U	967	U	495	J	1,220	U		
Cadmium	Metals	710	10,000	380	ug/kg	2,080	U	1,010	U	945	U	1,870	U	22,300		1,010	UJ	31,200		454	J	504	J	1,010	U	3,990	J	139	J	16,900		178	J	4,510	J	12,900		737		2,910	J		
Calcium	Metals	NE	NE	NE	ug/kg	44,200,000		140,000,000		84,600,000		112,000,000		129,000,000		67,400,000	J	80,500,000		347,000,000		352,000,000		226,000,000		185,000,000		4,200,000		146,000,000		1,440,000		119,000,000		107,000,000		27,900,000	J	59,700,000			
Chromium	Metals	85,000,000*	36,000,000*	180,000,000	ug/kg	451,000		1,640,000		983,000		874,000		602,000		1,090,000		701,000		4,520		5,060		642,000		628,000		14,700		1,090,000		20,400		1,180,000		982,000		133,000	Jl	205,000			
Cobalt	Metals	2,300	35,000	NE	ug/kg	18,800		6,350		5,220		6,010	J	9,500		16,700	Jh	65,500		2,700		2,530		4,170	J	10,400		608		5,180		789		13,700		21,100		732		9,340			
Copper	Metals	310,000	4,700,000	46,000	ug/kg	268,000		181,000		86,000		130,000		229,000		368,000	J	1,120,000		2,290		1,660	J	89,100		147,000		5,500		137,000		3,100		360,000		436,000		13,800		103,000			
Iron	Metals	5,500,000	82,000,000	NE	ug/kg	387,000,000		197,000,000		109,000,000		151,000,000		107,000,000		413,000,000		566,000,000		3,070,000		2,990,000		98,100,000		102,000,000		4,110,000		124,000,000		21,200,000		218,000,000		320,000,000		37,600,000	J	293,000,000			
Lead	Metals	200,000	800,000	9,000	ug/kg	75,200		171,000		97,000		46,600		1,240,000		46,900	Jh	2,740,000		3,310	U	3,550	U	15,500	J	212,000		16,400		854,000		17,500		288,000		568,000		20,100		49,800			
Magnesium	Metals	NE	NE	NE	ug/kg	12,600,000		56,600,000		38,600,000		23,700,000		56,900,000		33,200,000		29,600,000		3,120,000		3,120,000		28,700,000		49,600,000		1,050,000		26,400,000		545,000		30,100,000		32,700,000		6,790,000	J	17,100,000			
Manganese	Metals	180,000	2,600,000	NE	ug/kg	3,900,000		11,800,000		5,930,000		5,900,000		20,100,000		7,280,000		20,200,000		317,000		311,000		12,000,000		14,400,000		243,000		12,900,000		52,000		14,300,000		9,000,000		1,420,000	J	5,280,000			
Mercury	Metals	710	3,000	100	ug/kg	94		145		24.2		80.7		447		44.6		1,120		7.85	U	7.96	U	8.06	U	21.3	J	46.1		77.9		75		456		164		10.8	J	57.1			
Nickel	Metals	140,000	1,700,000	NE	ug/kg	114,000		50,400		72,600		50,500		58,800		135,000	Jh	649,000		8,980		7,440		40,600		46,900		1,500		28,400		2,070		101,000		147,000		6,020		35,500			
Potassium	Metals	NE	NE	NE	ug/kg	169,000	J	90,500	J	123,000	J	120,000	U	812,000		64,500	U	226,000	J	400,000		424,000		380,000		316,000		126,000		663,000		390,000		214,000	J	159,000	J	211,000		507,000			
Selenium	Metals	39,000	580,000	260	ug/kg	27,600	J	20,200	J	14,700	J	33,300	J	16,800		28,400	Jl	50,700	J	761	J	1,730	J	14,600	J	12,400	J	500	U	15,000	J	702	J	21,200	J	26,100	J	1,120	J	9,130	J		
Silver	Metals	39,000	580,000	NE	ug/kg	2,080	U	1,400	J	945	U	1,870	U	3,560		1,010	U	5,220	J	1,000	U	1,080	U	1,350	J	4,460	J	99.9	U	4,120	J	113	U	4,270	J	4,190	J	228	J	1,220	U		
Sodium	Metals	NE	NE	NE	ug/kg	146,000		199,000		126,000		277,000		920,000		196,000	Jh	1,070,000		159,000		169,000		673,000		537,000		24,700	J	320,000		59,300		343,000		278,000		58,000		282,000	J		
Thallium	Metals	78	1,200	140	ug/kg	10,400	U	1,810	J	473	U	2,340	U	3,670		2,520	U	2,520	U	501	U	538	U	504	U	5,380	U	500	U	4,710	U	565	U	4,860	U	4,840	U	561	U	6,100	U		
Vanadium	Metals	39,000	580,000	NE	ug/kg	125,000		156,000		101,000		75,800		486,000		113,000	Jh	810,000		6,070		6,410		181,000		1,040,000		22,600		179,000		37,000		186,000		188,000		58,100	Jl	59,800			
Zinc	Metals	2,300,000	35,000,000	NE	ug/kg	1,080,000		2,090,000		371,000		1,110,000		7,660,000		1,210,000	J	11,300,000		14,000	J	14,400	J	111,000		1,010,000		31,400		4,120,000		53,600		994,000		2,710,000		118,000	Jl	132,000			
Aroclor-1242	PCBs	230	950	NE	ug/kg	NA		6.06	U	6.15	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
Aroclor-1248	PCBs	230	940	NE	ug/kg	NA		73.3		64.2		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
Aroclor-1254	PCBs	120	970	NE	ug/kg	NA		71.8		62.5		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
Aroclor-1260	PCBs	240	990	NE	ug/kg	NA		36.8		33.2		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
4,4'-DDT	Pesticides	1,900	8,500	NE	ug/kg	NA		3.66	U	1.86	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
cis-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		1.83	U	0.93	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
trans-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		1.83	U	0.93	U	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA			
1,1'-Biphenyl	SVOAs	4,700	20,000	NE	ug/kg	107	U	109	U	111	U	101	U	107	U	103	UJ	108	U	107.0	U	108.0	U	107.0	UJ	111	UJ	107	U	109	U	124	U	111	U	112	U	114	U	133	U		
2,4-Dimethylphenol	SVOAs	130,000	1,600,000	NE	ug/kg	107	U	109	U	111	U	101	U	107	U	103	UJ	108	U	107.0	U	108.0	U	107.0	UJ	111	UJ	107	U	109	U	124	U	111	U	112	U	114	U	133	U		
2-Methylnaphthalene	SVOAs	24,000	300,000	NE	ug/kg	20.6	J	35	J	11.1	U	10.1	U	29.4	J	10.3	UJ	106		10.7	U	10.8	U	10.7	UJ	15.5	JI	10.7	U	10.9	U	12.4	U	20	J	12	J	11.4	U	13.3	U		
Acenaphthene	SVOAs	360,000	4,500,000	NE	ug/kg	10.7	U	240		18.5	J	10.1	U	10.7	U	10.3	UJ	35.2	J	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	10.9	U	12.4	U	11.1	U	11.2	U	11.4	U	13.3	U		
Acenaphthylene	SVOAs	NE	NE	NE	ug/kg	19.5	J	10.9	U	11.1	U	10.1	U	10.7	U	10.3	UJ	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	124		12.4	U	71.9		42.7		11.4	U	13.3	U		
Anthracene	SVOAs	1,800,000	23,000,000	NE	ug/kg	36.3		787		78.6		12.1	J	10.7	U	11.6	Jl	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	127		12.4	U	102		44.2		11.4	U	13.3	U		
Benzaldehyde	SVOAs	170,000	820,000	NE	ug/kg	107	R	109	R	111	R	101	R	107	R	103	R	108	R	107	U	108	U	107	UJ	111	UJ	107	UJ	109	UJ	124	UJ	111	UJ	112	UJ	114	U	133	U		
Benzo(a)anthracene	SVOAs	1,100	21,000	NE	ug/kg	51.9		2,040		270		22.1	J	13.6	J	26.7	Jl	78		10.7	U	10.8	U	10.7	UJ	25.5	JI	12.9	J	94.6		12.4	U	302		126		11.4	U	27.9	J		
Benzo(a)pyrene	SVOAs	110	2,100	240	ug/kg	42.3		1,390		215		10.1	U	10.7	U	12.3	Jl	53.5		10.7	U	10.8	U	10.7	UJ	23.6	JI	10.7	U	170		12.4	U	316		151		11.4	U	23.1	J		
Benzo(b)fluoranthene	SVOAs	1,100	21,000	NE	ug/kg	102		2,100		321		10.1	U	32.2	J	42	Jl	163		10.7	U	10.8	U	10.7	UJ	55.4	JI	15.7	J	408		12.4	U	561		296		11.4	U	41.7	J		
Benzo(ghi)perylene	SVOAs	NE	NE	NE	ug/kg	56.2		800		118		49.3		14.7	J	14.7	Jl	106		10.7	U	10.8	U	10.7	UJ	25.5	JI	10.7	U	331		12.4	U	350		151		11.4	U	25.3	J		
Benzo(k)fluoranthene	SVOAs	11,000	210,000	NE	ug/kg	33.1	J	744		113		10.1	U	10.7	U	12.6	Jl	43.1		10.7	U	10.8	U	10.7	UJ	18.1	JI	10.7	U	122		12.4	U	179		88.9		11.4	U	14.2	J		
bis(2-Ethylhexyl)phthalate	SVOAs	39,000	160,000	1,400	ug/kg	71.1		2,410		262		1,120		10.7	U	45.8	Jl	10.8	U	17.5	J	10.8	U	10.7	UJ	22.5	JI	10.7	U	29.1	J	12.4	U	637		182		11.4	U	13.3	U		
Butylbenzylphthalate	SVOAs	290,000	1,200,000	NE	ug/kg	10.7	U	440		39.1		10.1	U	10.7	U	10.3	UJ	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	10.9	U	12.4	U	256		127		11.4	U	13.3	U		
Carbazole	SVOAs	NE	NE	NE	ug/kg	10.7	U	614		19.9	J	10.1	U	10.7	U	10.3	UJ	191		10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	41.5		12.4	U	38.9		15.7	J	11.4	U	13.3	U		
Chrysene	SVOAs	110,000	2,100,000	NE	ug/kg	81.4		2,180		269		63.4		40.5		45.1	Jl	142		10.7	U	10.8	U	18.1	JI	53.5	JI	11.8	J	171		12.4	U	332		151		11.4	U	36.4	J		
Dibenzo(a,h)anthracene	SVOAs	110	2,100	NE	ug/kg	12.8	J	218		35.4	J	10.1	U	10.7	U	10.3	UJ	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	56.4		12.4	U	73.4		29.6	J	11.4	U	13.3	U		
Dibenzofuran	SVOAs	7,800	120,000	NE	ug/kg	107	U	122	J	111	U	101	U	107	U	103	UJ	108	U	107	U	108	U	107	UJ	111	UJ	107	U	109	U	124	U	111	U	112	U	114	U	133	U		
Diethylphthalate	SVOAs	5,100,000	66,000,000	NE	ug/kg	10.7	U	10.9	U	11.1	U	10.1	U	10.7	U	10.3	UJ	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	10.9	U	12.4	U	11.1	U	11.2	U	11.4	U	13.3	U		
Dimethylphthalate	SVOAs	NE	NE	NE	ug/kg	10.7	U	21.5	J	14	J	262		10.7	U	10.3	UJ	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	10.9	U	12.4	U	11.1	U	11.2	U	11.4	U	13.3	U		
Di-n-butylphthalate	SVOAs	630,000	8,200,000	NE	ug/kg	10.7	U	25.9	J	13.7	J	10.1	U	10.7	U	10.3	UJ	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	10.9	U	12.4	U	27.4	J	40.1		11.8	BJ	13.3	U		
Di-n-octylphthalate	SVOAs	63,000	820,000	NE	ug/kg	10.7	U	21.1	J	11.1	U	18.5	J	10.7	U	10.3	UJ	10.8	U	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	10.9	U	12.4	U	465		11.2	U	11.4	U	13.3	U		
Fluoranthene	SVOAs	240,000	3,000,000	NE	ug/kg	84.6		5,970		575		150		97.4		59.8	Jl	201		10.7	U	10.8	U	10.7	UJ	83.8	JI	16.8	J	133		12.4	U	467		183		11.4	U	69.6			
Fluorene	SVOAs	240,000	3,000,000	NE	ug/kg	10.7	U	199		16.2	J	10.1	U	10.7	U	10.3	UJ	33.4	J	10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	11.6	J	12.4	U	12.2	J	11.2	U	11.4	U	13.3	U		
Indeno(1,2,3-cd)pyrene	SVOAs	1,100	21,000	NE	ug/kg	51.5		848		130		10.1	U	12.5	J	12.6	Jl	90.5		10.7	U	10.8	U	10.7	UJ	23.6	JI	10.7	U	310		12.4	U	326		158		11.4	U	22.6	J		
Naphthalene	SVOAs	2,000	8,600	NE	ug/kg	12.4	J	61.2		11.1	U	11.4	J	13.3	J	10.3	UJ	241		10.7	U	10.8	U	10.7	UJ	11.1	UJ	10.7	U	10.9	U	12.4	U	15.6	J	11.2	U	11.4	U	13.3	U		
Phenanthrene	SVOAs	NE	NE	NE	ug/kg	55.4		3,810		244		85.2		90.6		37.2	Jl	74		10.7	U	10.8	U	10.7	UJ	53.5	JI	11.8	J	27.3	J	12.4	U	203		64.1		11.4	U	48.8			
Phenol	SVOAs	1,900,000	25,000,000	NE	ug/kg	107	U	376		111	U	101	U	107	U	103	UJ	108	U	107	U	108	U	107	UJ	111	UJ	107	U	109	U	124	U	111	U	112	U	114	U	133	U		
Pyrene	SVOAs	180,000	2,300,000	NE	ug/kg	105		3,960		514		390		59.8		49.9	Jl	197		10.7	U	10.8	U	10.7	UJ	50.6	JI	13.2	J	162		12.4	U	446		189		11.4	U	63			
2-Butanone	VOAs	2,700,000	19,000,000	NE	ug/kg	1.13	U	NA		1.04	U	NA		1.2	U	NA		1.44	U	NA		NA		1.68	J	NA		1.38	U	NA		1.52	U	NA		1.39	U	NA		4.82	J		
4-Methyl-2-pentanone	VOAs	3,300,000	14,000,000	NE	ug/kg	1.13	U	NA		2.78	J	NA		1.2	U	NA		1.44	U	NA		NA		1.27	U	NA		1.38	U	NA		1.52	U	NA		1.39	U	NA		2.93	U		
Acetone	VOAs	7,000,000	110,000,000	NE	ug/kg	1.13	U	NA		7.96		NA		9.43		NA		1.44	U	NA		NA		10.20		NA		19.1		NA		16.6		NA		6.12		NA		30.8			
Benzene	VOAs	1,200	5,100	2.6	ug/kg	0.226	U	NA		0.392	J	NA		0.239	U	NA		0.287	U	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
Carbon disulfide	VOAs	77,000	350,000	NE	ug/kg	1.13	U	NA		1.04	U	NA		4.05		NA		1.44	U	NA		NA		1.27	U	NA		1.38	U	NA		1.52	U	NA		1.39	U	NA		9			
Chloroform	VOAs	320	1,400	22	ug/kg	0.226	U	NA		0.48	J	NA		0.239	U	NA		0.287	U	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
cis-1,2-Dichloroethylene	VOAs	6,300	37,000	21	ug/kg	0.226	U	NA		0.207	U	NA		0.239	U	NA		0.287	U	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
Cyclohexane	VOAs	650,000	2,700,000	NE	ug/kg	0.226	U	NA		0.207	U	NA		0.239	U	NA		0.287	U	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.424	J	NA		1.04	J		
Ethylbenzene	VOAs	5,800	25,000	780	ug/kg	0.226	U	NA		0.392	J	NA		0.239	U	NA		0.353	J	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
Isopropylbenzene	VOAs	190,000	990,000	NE	ug/kg	0.226	U	NA		0.207	U	NA		0.239	U	NA		0.491	J	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
m,p-Xylenes	VOAs	55,000	240,000	NE	ug/kg	0.453	U	NA		1.25		NA		0.479	U	NA		0.793	J	NA		NA		0.51	U	NA		0.551	U	NA		0.609	U	NA		0.555	U	NA		1.17	U		
Methyl acetate	VOAs	7,800,000	120,000,000	NE	ug/kg	1.13	U	NA		1.04	U	NA		1.2	U	NA		1.44	U	NA		NA		1.27	U	NA		1.38	U	NA		1.52	U	NA		1.39	U	NA		2.93	U		
Methylcyclohexane	VOAs	9,800	41,000	NE	ug/kg	0.226	U	NA		0.207	U	NA		0.239	U	NA		1.00		NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
Methylene chloride	VOAs	35,000	320,000	1.3	ug/kg	1.13	U	NA		1.04	U	NA		1.2	U	NA		1.44	U	NA		NA		1.27	U	NA		1.38	U	NA		1.52	U	NA		1.39	U	NA		2.93	U		
o-Xylene	VOAs	64,000	280,000	NE	ug/kg	0.226	U	NA		1.05		NA		0.239	U	NA		0.431	J	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
Styrene	VOAs	600,000	3,500,000	110	ug/kg	0.226	U	NA		0.772		NA		0.239	U	NA		0.287	U	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
Tetrachloroethylene	VOAs	8,100	39,000	2.3	ug/kg	0.226	U	NA		0.207	U	NA		0.239	U	NA		0.287	U	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.277	U	NA		0.585	U		
Toluene	VOAs	490,000	4,700,000	690	ug/kg	0.226	U	NA		0.417	J	NA		0.239	U	NA		0.287	U	NA		NA		0.25	U	NA		0.275	U	NA		0.304	U	NA		0.549	J	NA		0.585	U		

Table 2
Summary of Constituents Detected in Soil Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Screening Levels			Units	LS-SB-44				LS-SB-45				LS-SB-46				LS-SB-47						LS-SB-48			
						LS-SB-44-1.0		LS-SB-44-2.5		LS-SB-45-1.0		LS-SB-45-4.0		LS-SB-46-1.0		LS-SB-46-3.0		LS-SB-47-1.0		LS-SB-47-3.0		LS-SB-47-3.0-DP		LS-SB-48-1.0		LS-SB-48-3.0	
						0' - 1' bls		1.5'-2.5' bls		0' - 1' bls		3' - 4' bls		0' - 1' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls		2' - 3' bls		0' - 1' bls		2' - 3' bls	
		R-RSL	I-RSL	MCL-SSL		Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Cyanide, Total	Cyanide	2,400	16,000	2,000	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Hexavalent Chromium	Hexavalent Chromium	0.95	20	NE	mg/kg	0.14	UJ	0.118	U	0.104	U	0.145	U	0.138	U	0.0958	U	0.402		1.44	J	0.837	U	0.291	J	0.457	
Aluminum	Metals	7,700,000	110,000,000	NE	ug/kg	7,220,000		8,180,000		13,000,000		7,590,000		3,320,000		3,050,000		78,000,000		4,110,000		3,290,000		13,800,000		23,300,000	
Antimony	Metals	3,100	47,000	270	ug/kg	5,770		349	U	3,440	U	1,130	J	3,080	U	6,840	U	3,930	U	1,030	J	424	U	4,010	U	6,460	
Arsenic	Metals	680	3,000	290	ug/kg	4,550		3,970		12,000	J	5,940		7,220	J	10,400	U	8,710	J	7,680		7,290		7,260	J	13,800	
Barium	Metals	1,500,000	22,000,000	82,000	ug/kg	76,700		62,500		202,000		61,400		36,100		17,100		161,000		16,500		12,800		99,600		82,000	
Beryllium	Metals	16,000	230,000	3,200	ug/kg	286	J	473	J	1,040	U	261	J	934	U	2,070	U	1,190	U	333	J	330	J	1,210	U	338	J
Cadmium	Metals	710	10,000	380	ug/kg	914		106	U	2,360	J	1,230		3,910	J	2,470	J	1,380	J	179	J	146	J	1,340	J	197	J
Calcium	Metals	NE	NE	NE	ug/kg	34,800,000		33,500,000		100,000,000		26,600,000		12,700,000		2,000,000		82,000,000		16,600,000		9,600,000		41,600,000		3,890,000	
Chromium	Metals	85,000,000*	36,000,000*	180,000,000	ug/kg	166,000		302,000		1,520,000		264,000		136,000		124,000		262,000		34,900		22,800		216,000		57,600	
Cobalt	Metals	2,300	35,000	NE	ug/kg	2,260		1,750		7,050		3,270		9,940		12,800		5,780	J	1,280		1,140		6,700		1,760	
Copper	Metals	310,000	4,700,000	46,000	ug/kg	39,300		31,900		237,000		73,600		73,300		219,000		74,100		7,880		5,700		43,200		58,800	
Iron	Metals	5,500,000	82,000,000	NE	ug/kg	31,900,000		45,400,000		154,000,000		48,000,000		384,000,000		499,000,000		97,100,000		9,170,000		5,920,000		153,000,000		11,200,000	
Lead	Metals	200,000	800,000	9,000	ug/kg	77,300		29,800		111,000		47,800		14,000	J	9,570	J	172,000		15,700		12,500		36,200		69,400	
Magnesium	Metals	NE	NE	NE	ug/kg	5,090,000		8,580,000		21,900,000		5,860,000		6,930,000		964,000		6,340,000		2,190,000		1,620,000		7,710,000		1,560,000	
Manganese	Metals	180,000	2,600,000	NE	ug/kg	2,130,000		2,550,000		16,100,000		3,120,000		1,470,000		1,730,000		1,310,000		166,000		65,300		2,430,000		71,700	
Mercury	Metals	710	3,000	100	ug/kg	72.6		28.6	J	211		58.8		31.9		47.1		249		43.3		60.7		84		276	
Nickel	Metals	140,000	1,700,000	NE	ug/kg	12,300		9,070		66,200		22,800		35,400		89,100		83,900		7,340		5,460		15,700		5,350	
Potassium	Metals	NE	NE	NE	ug/kg	424,000		307,000		262,000		281,000		88,800	J	365,000	J	838,000		1,070,000		908,000		664,000		942,000	
Selenium	Metals	39,000	580,000	260	ug/kg	1,840	J	2,180	J	19,900	J	2,240	Ub	4,670	U	24,900	J	10,700	J	2,590	J	1,690	J	9,320	J	7,520	
Silver	Metals	39,000	580,000	NE	ug/kg	544		217	J	4,840	J	1,040		934	U	2,070	U	1,190	U	132	U	129	U	1,210	U	360	J
Sodium	Metals	NE	NE	NE	ug/kg	82,700		83,900		208,000	J	112,000		91,000	J	145,000	U	999,000		300,000		294,000		175,000	J	256,000	
Thallium	Metals	78	1,200	140	ug/kg	543	U	529	U	5,210	U	563	U	4,670	U	10,400	U	5,960	U	659	U	643	U	6,070	U	847	U
Vanadium	Metals	39,000	580,000	NE	ug/kg	38,000		66,700		134,000		45,200		46,400		31,500		107,000		14,900		11,700		82,000		63,800	
Zinc	Metals	2,300,000	35,000,000	NE	ug/kg	175,000		96,500		379,000		173,000		73,100		51,300		140,000		51,400		36,500		182,000		22,400	
Aroclor-1242	PCBs	230	950	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1248	PCBs	230	940	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1254	PCBs	120	970	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Aroclor-1260	PCBs	240	990	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
4,4'-DDT	Pesticides	1,900	8,500	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
cis-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
trans-Chlordane	Pesticides	3,600	50,000	NE	ug/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1'-Biphenyl	SVOAs	4,700	20,000	NE	ug/kg	565	U	124	U	109	U	114	U	110	U	108	U	130	U	133	U	131	U	134	U	182	U
2,4-Dimethylphenol	SVOAs	130,000	1,600,000	NE	ug/kg	565	U	124	U	109	U	114	U	110	U	108	U	130	U	133	U	131	U	134	U	182	U
2-Methylnaphthalene	SVOAs	24,000	300,000	NE	ug/kg	56.5	U	12.4	U	13.8	J	11.4	U	13.5	J	17.9	J	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Acenaphthene	SVOAs	360,000	4,500,000	NE	ug/kg	56.5	U	12.8	J	10.9	U	11.4	U	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Acenaphthylene	SVOAs	NE	NE	NE	ug/kg	56.5	U	18.2	J	14.9	J	11.4	U	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Anthracene	SVOAs	1,800,000	23,000,000	NE	ug/kg	56.5	U	15.3	J	96.4		17.5	J	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Benzaldehyde	SVOAs	170,000	820,000	NE	ug/kg	565	R	124	R	109	UJ	114	UJ	110	UJ	108	U	130	UJ	133	U	131	U	134	UJ	182	U
Benzo(a)anthracene	SVOAs	1,100	21,000	NE	ug/kg	135	J	51.2		150		32.3	J	25.6	J	10.8	U	13	U	13.3	U	13.1	U	29.9	J	29.1	J
Benzo(a)pyrene	SVOAs	110	2,100	240	ug/kg	145	J	59.1		132		30.1	J	27.1	J	10.8	U	13	U	13.3	U	13.1	U	29.9	J	28.5	J
Benzo(b)fluoranthene	SVOAs	1,100	21,000	NE	ug/kg	226		96.6		252		49.5		46.5		13.3	J	13	U	13.3	U	13.1	U	49.5		42.4	J
Benzo(ghi)perylene	SVOAs	NE	NE	NE	ug/kg	135	J	48.3		113		32	J	52		24.4	J	13	U	13.3	U	13.1	U	30.3	J	25.4	J
Benzo(k)fluoranthene	SVOAs	11,000	210,000	NE	ug/kg	65.9	J	34.7	J	75.3		15.6	J	11	J	10.8	U	13	U	13.3	U	13.1	U	14.3	J	18.2	U
bis(2-Ethylhexyl)phthalate	SVOAs	39,000	160,000	1,400	ug/kg	56.5	U	140		3,830		118		20.5	J	18.7	BJ	13	U	13.3	U	13.1	U	52.7		18.2	U
Butylbenzylphthalate	SVOAs	290,000	1,200,000	NE	ug/kg	56.5	U	21.1	J	67.3		44.5		11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Carbazole	SVOAs	NE	NE	NE	ug/kg	56.5	U	12.4	U	36.4		11.4	U	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Chrysene	SVOAs	110,000	2,100,000	NE	ug/kg	183	J	68.5		188		43.4		30.7	J	10.8	U	13	U	13.3	U	13.1	U	33	J	34.5	J
Dibenzo(a,h)anthracene	SVOAs	110	2,100	NE	ug/kg	56.5	U	12.4	U	27.3	J	11.4	U	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Dibenzofuran	SVOAs	7,800	120,000	NE	ug/kg	565	U	124	U	109	U	114	U	110	U	108	U	130	U	133	U	131	U	134	U	182	U
Diethylphthalate	SVOAs	5,100,000	66,000,000	NE	ug/kg	56.5	U	12.4	U	10.9	U	11.4	U	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	26.7	J
Dimethylphthalate	SVOAs	NE	NE	NE	ug/kg	56.5	U	12.4	U	10.9	U	11.4	U	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Di-n-butylphthalate	SVOAs	630,000	8,200,000	NE	ug/kg	56.5	U	12.4	U	10.9	U	11.4	U	11	U	31.9	BJ	13	U	13.3	U	13.1	U	30.3	J	18.2	U
Di-n-octylphthalate	SVOAs	63,000	820,000	NE	ug/kg	56.5	U	12.4	U	10.9	U	11.4	U	11	U	10.8	U	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Fluoranthene	SVOAs	240,000	3,000,000	NE	ug/kg	218		105		308		63.6		52.7		20.1	J	13	U	13.3	U	13.1	U	45.5		62.4	
Fluorene	SVOAs	240,000	3,000,000	NE	ug/kg	56.5	U	12.4	U	10.9	U	11.4	U	18.7	J	17.6	J	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Indeno(1,2,3-cd)pyrene	SVOAs	1,100	21,000	NE	ug/kg	119	J	50.8		113		27.8	J	21.2	J	10.8	U	13	U	13.3	U	13.1	U	28.1	J	26.7	J
Naphthalene	SVOAs	2,000	8,600	NE	ug/kg	56.5	U	12.4	U	11.6	J	11.4	U	11.3	J	14.7	J	13	U	13.3	U	13.1	U	13.4	U	18.2	U
Phenanthrene	SVOAs	NE	NE	NE	ug/kg	96	J	56.6		117		32	J	40.3		25.5	J	13	U	13.3	U	13.1	U	26.3	J	33.3	J
Phenol	SVOAs	1,900,000	25,000,000	NE	ug/kg	565	U	124	U	109	U	114	U	110	U	108	U	130	U	133	U	131	U	134	U	182	U
Pyrene	SVOAs	180,000	2,300,000	NE	ug/kg	228		95.8		316		73.5		129		67.1		13	U	13.3	U	13.1	U	40.2	J	53.9	J
2-Butanone	VOAs	2,700,000	19,000,000	NE	ug/kg	NA		4.49	J	NA		1.53	U	NA		0.973	U	NA		12.3		17.1		NA		336	U
4-Methyl-2-pentanone	VOAs	3,300,000	14,000,000	NE	ug/kg	NA		1.78	U	NA		1.53	U	NA		6.7		NA		1.92	U	1.88	U	NA		336	U
Acetone	VOAs	7,000,000	110,000,000	NE	ug/kg	NA		28		NA		5.14		NA		11.1		NA		93.3		124		NA		336	U
Benzene	VOAs	1,200	5,100	2.6	ug/kg	NA		0.356	U	NA		0.306	U	NA		10.7		NA		0.383	U	0.375	U	NA		67.1	U
Carbon disulfide	VOAs	77,000	350,000	NE	ug/kg	NA		3.58	J	NA		1.53	U	NA		1.02	J	NA		1.92	U	1.88	U	NA		336	U
Chloroform	VOAs	320	1,400	22	ug/kg	NA		0.356	U	NA		0.306	U	NA		0.194	U	NA		0.383	U	0.375	U	NA		67.1	U
cis-1,2-Dichloroethylene	VOAs	6,300	37,000	21	ug/kg	NA		0.356	U	NA		0.306	U	NA		0.194	U	NA		0.383	U	0.375	U	NA		67.1	U
Cyclohexane	VOAs	650,000	2,700,000	NE	ug/kg	NA		0.356	U	NA		0.306	U	NA		0.194	U	NA		0.383	U	0.631	J	NA		67.1	U
Ethylbenzene	VOAs	5,800	25,000	780	ug/kg	NA		0.356	U	NA		0.306	U	NA		4.14		NA		0.383	U	0.375	U	NA		67.1	U
Isopropylbenzene	VOAs	190,000	990,000	NE	ug/kg	NA		0.356	U	NA		0.306	U	NA		0.583		NA		0.383	U	0.375	U	NA		67.1	U
m,p-Xylenes	VOAs	55,000	240,000	NE	ug/kg	NA		0.713	U	NA		0.613	U	NA		3.27		NA		0.767	U	0.752	U	NA		134	U
Methyl acetate	VOAs	7,800,000	120,000,000	NE	ug/kg	NA		1.78	U	NA		1.53	U	NA		0.973	U	NA		2.85	J	1.88	U	NA		336	U
Methylcyclohexane	VOAs	9,800	41,000	NE	ug/kg	NA		0.356	U	NA		0.306	U	NA		0.194	U	NA		0.383	U	0.375	U	NA		67.1	U
Methylene chloride	VOAs	35,000	320,000	1.3	ug/kg	NA		1.78	U	NA		1.53	U	NA		0.973	U	NA		1.92	U	1.88	U	NA		336	U
o-Xylene	VOAs	64,000	280,000	NE	ug/kg	NA		0.356	U	NA		0.306	U	NA		1.97		NA		0.383	U	0.375	U	NA		67.1	U
Styrene	VOAs	600,000	3,500,000	110	ug/kg	NA		0.356	U	NA		0.306	U	NA		0.194	U	NA		0.383	U	0.375	U	NA		67.1	U
Tetrachloroethylene	VOAs	8,100	39,000	2.3	ug/kg	NA		0.356	U	NA		0.306	U	NA		0.194	U	NA		0.383	U	0.375	U	NA		67.1	U
Toluene	VOAs	490,000	4,700,000	690	ug/kg	NA		0.356	U	NA		0.306	U	NA		13.2		NA		0.383	U	0.375	U	NA		67.1	U

Table 2
Summary of Constituents Detected in Soil Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Notes:
1 - This table lists analytes detected in one or more soil samples. See the laboratory analytical reports for the full list of target analytes.
2 - All results reported in micrograms per kilogram (ug/Kg), except hexavalent chromium reported in milligrams per kilogram (mg/kg)
3 - Samples collected March 9-26, May 26-29, and June 2, 2026
4 - Regional Screening Level (RSL) for residential soil (R-RSL) industrial soil (I-RSL) and Maximum Contaminant Level (MCL)-Based Soil Screening Level (MCL-SSL) for protection of groundwater from Regional Screening Levels for Chemical Contaminants at Superfund Sites USEPA (November 2024 - THQ=0.1 Summary Tables).
5 - J = Estimated concentration less than the Reporting Limit but greater than the Detection Limit
6 - U = Not Detected at indicated method detection limit.
7 - Ub = The sample result is qualitatively suspect because the analyte was detected in a field and/or laboratory blank at a similar level.
8 - UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
9 - Jl = The reported concentration is approximate and probably biased towards lower values than the actual concentration of the analyte in the sample.
10 - Jh = The reported concentration is approximate and probably biased towards higher values than the actual concentration of the analyte in the sample.
11 - R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
12 - Results highlighted in yellow indicate concentration exceeds R-RSL.
13 - Results highlighted in orange indicates concentration exceeds the I-RSL
14 - Results higlighted in green indicate concentration exceeds MCL-SSL
15 - Sample depth in feet below land surface (' bls)
16 - Field duplicate samples have -DP suffix in sample number
17 - "NE" = Not established
18 - "NA" = Not analyzed
19 - * RSLs for Chromium III

Table 3

Summary of Well Construction and Groundwater Elevation Data

Liberty Steel Property

Georgetown, South Carolina

VCC 25-8848-NRP

Well Number	Easting	Northing	Land Surface Elevation	Top of Casing Elevation	Total Well Depth (Feet from Top of Casing)	Screened Interval (Feet Below Land Surface)	Depth to Groundwater	Groundwater Elevation
LS-MW-01	2,521,068.85	562,053.79	12.45	12.17	13.46	3.5-13.5	6.28	5.89
LS-TW-02	2,521,203.12	562,672.96	11.30	12.68	12	2-12	7.34	5.34
LS-TW-03	2,521,859.48	563,026.68	9.52	10.55	14	4-14	5.09	5.46
LS-MW-04	2,521,155.89	561,920.80	13.67	13.44	13.76	3.5-13.5	7.61	5.83
LS-MW-05	2,520,971.07	561,839.04	13.82	13.46	13.4	3-13	6.06	7.40
LS-TW-06	2,521,842.88	563,748.67	12.69	14.23	12	2-12	10.54	3.69
LS-TW-07	2,521,945.28	563,513.63	8.81	10.64	12	2-12	8.10	2.54
LS-TW-08	2,521,732.87	563,308.74	10.46	11.07	14	4-14	4.64	6.43
LS-TW-09	2,521,613.69	563,365.90	12.47	13.90	12	2-12	9.30	4.60
LS-TW-10	2,521,276.09	562,818.28	12.18	14.26	12	2-12	8.12	6.14
LS-TW-11	2,521,488.55	562,728.55	6.92	8.96	13	3-13	4.74	4.22
LS-TW-12	2,521,242.63	562,360.63	9.82	11.61	12	2-12	6.13	5.48
LS-TW-13	2,521,054.15	562,431.79	12.84	14.59	12	2-12	8.91	5.68
LS-MW-14	2,521,272.42	561,891.45	12.67	12.37	13.23	3-13	10.47	1.90
LS-TW-15	2,520,583.03	561,447.61	13.64	16.22	12	2-12	8.03	8.19
LS-MW-16	2,520,704.48	561,004.27	15.03	14.78	13.45	3-13	4.92	9.86
LS-MW-17	2,521,816.57	562,711.91	11.15	10.90	17	7-17	6.67	4.23
LS-MW-18	2,522,375.25	562,886.63	8.42	8.18	17	7-17	7.02	1.16
LS-MW-19	2,522,081.93	563,199.64	11.68	11.41	15.5	5.5-15.5	5.62	5.79
LS-MW-20	2,521,566.05	562,380.63	10.33	10.06	17.5	7.5-17.5	7.12	2.94
LS-MW-21	2,521,376.23	560,632.48	13.09	12.86	12.36	2-12	4.74	8.12
LS-MW-22	2,521,682.66	560,475.53	7.25	6.96	13.53	3.5-13.5	1.62	5.34
LS-MW-23	2,521,146.16	561,291.96	15.15	15.15	8.27	3-8	6.18	8.97
LS-MW-24	2,520,869.26	561,721.86	14.30	14.02	12.78	2-12	5.95	8.07
LS-MW-25	2,520,771.00	561,957.20	15.17	14.92	13.55	3.5-13.5	5.89	9.03
LS-MW-26	2,520,549.29	562,454.74	19.12	18.78	13.55	3.5-13.5	8.81	9.97
LS-MW-27	2,521,447.16	562,046.22	11.99	11.79	13.17	3-13	9.92	1.87
LS-MW-28 D	2,520,980.86	562,064.98	13.50	13.15	31	26-31	9.07	4.08
MW-18	2,520,897.14	562,246.36	12.41	11.99	11.91	2-12	5.67	6.32
MW-19	2,520,827.79	562,137.17	14.03	13.73	12.13	2-12	5.68	8.05
MW-20	2,520,789.82	562,066.63	15.00	14.44	12.18	2-12	5.80	8.64
MW-21	2,520,870.96	562,061.53	14.26	13.90	12.15	2-12	5.21	8.69
MW-22	2,520,807.80	561,994.15	14.30	13.91	12.09	2-12	5.13	8.78
MW-23	2,520,972.04	562,067.62	13.77	13.15	12.14	2-12	6.09	7.06
MW-CA-1	2,520,928.52	562,050.43	14.17	13.92	11.60	2-12	4.96	8.96
MW-CA-2	2,520,887.87	562,105.91	14.13	13.89	12.90	3-13	4.91	8.98
MW-CA-3	2,520,980.85	562,089.89	13.88	13.64	13.19	3-13	6.62	7.02
MW-CA-4	2,521,048.49	562,179.27	13.06	12.36	13.24	3-13	8.08	4.28

Water levels measured June 17, 2026

Table 4
Summary of Constituents Detected in Groundwater Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Units	Tapwater RSL	MCL	LS-MW-01		LS-TW-02		LS-TW-03		LS-MW-04		LS-MW-05		LS-TW-06		LS-TW-07		LS-TW-08		LS-TW-09		LS-TW-10		LS-TW-10 DP		LS-TW-11		LS-TW-12		LS-TW-13		LS-MW-14		LS-TW-15		LS-MW-16	
					Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	Hexavalent Chromium	mg/L	0.00011	NE	0.003	U	0.003	U	0.003	U	0.003	U	0.00414	J	0.003	U	0.003	UJ	0.06	U	0.003	U	0.015	U	0.015	U	0.00971	J	0.0175		0.015	U	0.003	U	0.00302	J	0.00525	J
Hexavalent Chromium-Dissolved	Hexavalent Chromium	mg/L	0.00011	NE	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.00525	J	0.0209		0.003	U	0.003	U	0.003	U	0.003	U
Aluminum	Metals	ug/L	2,000	NE	2,820		1,200		1,890		68	U	73.5	J	1,410		12,000	Jh	69,900		1,380	J	7,700		5,610		1,520		1,420		12,600		68	U	155	J	276	
Aluminum-Dissolved	Metals	ug/L	2,000	NE	68	U	68	U	96.3	J	68	U	68	U	68	U	68	U	68	U	68	U	68	U	68	U	68	U	68	U	68	U	68	U	214		68	U
Antimony	Metals	ug/L	0.78	6	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	5.42	J	35	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U
Antimony-Dissolved	Metals	ug/L	0.78	6	3.5	U	4.12	J	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	4.87	J	3.5	U
Arsenic	Metals	ug/L	0.052	10	5	U	5	U	5.8	J	5	U	5	U	22.4	J	12.3	J	50	U	5	U	5.2	J	5	U	9.47	J	5	U	7.2	J	5	U	5.29	J	5	U
Arsenic-Dissolved	Metals	ug/L	0.052	10	5	U	5	U	7.49	J	5	U	5.78	J	7.93	J	9.78	J	5	U	5	U	6.47	J	5	U	7.61	J	5	U	5	U	5	U	5	U	5	U
Barium	Metals	ug/L	380	2,000	209		56.3		55.6		20.5		41.2		58.9		174		227		95.5		99.2		90.3		79.7		208		58.3		47.2		31.3		5.37	
Barium-Dissolved	Metals	ug/L	380	2,000	222		57		49.2		22.1		38.8		53.4		112		49.1		90		71.9		75.6		72.7		206		24.3		48.2		31.4		4.72	J
Beryllium	Metals	ug/L	2.5	4	1	U	1	U	1	U	1	U	1	U	1	U	1.05	J	10	U	1	U	1	U	1	U	1	U	1	U	1.69	J	1	U	1	U	1	U
Beryllium-Dissolved	Metals	ug/L	2.5	4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Cadmium	Metals	ug/L	0.18	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Cadmium-Dissolved	Metals	ug/L	0.18	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Calcium	Metals	ug/L	NE	NE	84,800		62,000		71,100		39,500		38,200		110,000		52,000		43,800		80,600		37,400		37,400		57,400		127,000		9,420		79,300		44,100		40,500	
Calcium-Dissolved	Metals	ug/L	NE	NE	80,700		63,000		58,900		43,600		38,700		112,000		53,900		29,700		76,400		38,400		38,200		56,000		129,000		7,720		80,900		43,900		40,000	
Chromium	Metals	ug/L	NE	100	8.29	J	4.8	J	3.38	J	1.88	J	1.94	J	7.89	Ub	24.3		95.9	J	8.14	Ub	19.6		14.5		2.41	J	2.79	J	26.3		1.17	J	1.39	J	3.06	J
Chromium-Dissolved	Metals	ug/L	NE	100	3.45	J	3.3	J	1	U	2.81	J	1	U	5.08	Ub	1	U	4.77	J	4.34	Ub	2.44	J	2.45	J	1	U	1	U	1.4	J	1.19	J	1	U	3.71	J
Cobalt	Metals	ug/L	0.6	NE	1	U	1	U	1	U	1	U	1	U	2.78	J	5.2		10	U	1	U	8.95		7.77		1	U	1	U	4.67	J	1	U	1	U	1	U
Cobalt-Dissolved	Metals	ug/L	0.6	NE	1	U	1	U	1	U	1	U	1	U	1.9	J	1	U	1	U	1	U	3.62	J	5.01		1	U	1	U	1	U	1	U	1	U	1	U
Copper	Metals	ug/L	80	1,300	3.92	J	3	U	3	U	7.35	J	3	U	3	U	54.5		72	J	3	U	4.96	J	3.53	J	3	U	3	U	6.12	J	3	U	3	U	3	U
Copper-Dissolved	Metals	ug/L	80	1,300	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Iron	Metals	ug/L	1,400	NE	22,300		15,200		3,690		62.2	J	8,770		26,100		18,000	Jh	55,400		5,320		30,800		28,400		11,800		41,600		15,300		2,930		4,580		74	J
Iron-Dissolved	Metals	ug/L	1,400	NE	15,300		15,000		81.8	J	30	U	7,620		18,100		2,210		81.4	J	3,630		25,200		25,100		8,990		41,200		377		2,600		4,160		30	U
Lead	Metals	ug/L	10	10	3.3	U	5.69	J	3.3	U	3.3	U	3.3	U	7.89	Ub	150		274		10.1	Ub	6.77	J	3.3	U	3.3	U	3.3	U	10.2	J	3.3	U	3.3	U	3.3	U
Lead-Dissolved	Metals	ug/L	10	10	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	9.51	Ub	3.3	U	3.3	U	5.23	Ub	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
Magnesium	Metals	ug/L	NE	NE	27,800		6,970		2,500		10,500		7,280		19,700		4,300		14,400		39,400		7,230		7,020		7,740		17,600		2,750		21,400		5,500		226	J
Magnesium-Dissolved	Metals	ug/L	NE	NE	26,100		6,940		3,480		11,600		7,310		20,000		3,560		7,550		41,100		6,830		6,900		7,410		17,900		1,260		21,400		5,460		164	J
Manganese	Metals	ug/L	43	NE	546		147		31.2		31		121		486		380		432		343		243		227		406		434		116		521		109		2.18	J
Manganese-Dissolved	Metals	ug/L	43	NE	581		159		18.1		33.8		114		481		291		25.2		322		187		200		395		434		37.4		510		110		2	U
Mercury	Metals	ug/L	0.063	2	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.202		0.095	J	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U
Mercury-Dissolved	Metals	ug/L	0.063	2	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U
Nickel	Metals	ug/L	39	NE	1.5	U	1.92	J	2.29	J	1.5	U	1.5	U	1.5	U	8.3		15	U	2.87	J	6.46		5.1		1.5	U	1.5	U	8.77		1.5	U	1.5	U	1.5	U
Nickel-Dissolved	Metals	ug/L	39	NE	1.8	J	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.73	J	1.5	U	1.8	J	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Potassium	Metals	ug/L	NE	NE	39,200		2,600		28,400		3,970		7,780		4,670		20,100		20,500		7,700		3,710		3,430		12,600		22,500		3,220		7,520		9,560		5,480	
Potassium-Dissolved	Metals	ug/L	NE	NE	34,800		2,640		28,100		4,360		7,860		4,660		19,900		19,600		7,930		3,020		2,990		12,200		22,700		2,520		7,570		9,590		5,270	
Selenium	Metals	ug/L	10	50	44.5	Ub	24.1	J	6	U	6	U	6	U	24.4	J	6	U	60	U	25	J	21.3	J	19.1	J	8.08	J	16.7	J	6.42	J	6	U	6.56	J	22.8	Ub
Selenium-Dissolved	Metals	ug/L	10	50	39	Ub	34.2		6	U	6.35	J	6	U	31.9		6	U	6	U	29.6	J	26.2	J	26.5	J	8.97	J	6.75	J	6	U	6	U	6	U	24.3	Ub
Silver	Metals	ug/L	9.4	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Silver-Dissolved	Metals	ug/L	9.4	NE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Sodium	Metals	ug/L	NE	NE	61,200		8,560		127,000		8,940		19,200		16,300		122,000		69,700		44,400		19,000		17,900		40,900		51,300		27,800		23,900		36,600		9,300	
Sodium-Dissolved	Metals	ug/L	NE	NE	60,100		8,750		126,000		10,100		18,600		16,700		134,000		63,100		41,800		17,000		16,800		39,800		52,000		26,100		24,200		37,000		9,130	
Vanadium	Metals	ug/L	8.6	NE	4.48	J	2.45	J	9.92		1	U	1	U	4.38	J	33.5		134		5.39		22.1		15		3.54	J	3.27	J	29.4		1	U	1	U	4.79	J
Vanadium-Dissolved	Metals	ug/L	8.6	NE	1	U	1	U	3.94	J	1	U	1	U	1.24	J	3.33	J	4.12	J	1	U	1	U	1	U	1	U	1	U	1.14	J	1	U	1	U	4.71	J
Zinc	Metals	ug/L	600	NE	14.3	J	10.6	J	16.4	J	10.8	J	5.98	J	6.62	J	359		627		14.2	J	53.4		40.3		9.34	J	9.55	J	66.9		6.12	J	6.11	J	6.78	J
Zinc-Dissolved	Metals	ug/L	600	NE	11.6	J	7.69	J	8.44	J	7.21	J	4.78	J	3.5	J	7.27	J	8.56	J	4.63	J	15.8	J	16.2	J	6.93	J	7.99	J	7.93	J	5.93	J	4.58	J	6.47	J
2-Methylnaphthalene	SVOCs	ug/L	3.6	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	53.4		18.9	JI	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Acenaphthene	SVOCs	ug/L	53	NE	0.282	UJ	0.606	J	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	11.2		5.77	JI	0.396	J	5.63		1.35		0.323	UJ	0.284	U	0.284	U
Benzo(a)anthracene	SVOCs	ug/L	0.030	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	0.45	J	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
bis(2-Ethylhexyl)phthalate	SVOCs	ug/L	5.6	6	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	0.43	J	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Carbazole	SVOCs	ug/L	NE	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	0.287	U	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Diethylphthalate	SVOCs	ug/L	1,500	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.304	J	0.287	U	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.586	J	0.284	U
Dimethylphthalate	SVOCs	ug/L	NE	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	0.287	U	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Di-n-butylphthalate	SVOCs	ug/L	90	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	0.287	U	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Di-n-octylphthalate	SVOCs	ug/L	20	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	0.287	U	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Fluoranthene	SVOCs	ug/L	80	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	1.47	J	0.47	JI	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Fluorene	SVOCs	ug/L	29	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	15.2		7.33	JI	0.321	U	0.322	U	0.685	J	0.323	UJ	0.284	U	0.284	U
m,p-Cresols	SVOCs	ug/L	NE	NE	3.48	UJ	3.56	U	3.48	UJ	3.47	U	4.07	U	3.52	U	3.96	UJ	3.47	UJ	3.63	U	5.23	J	3.55	UJ	3.96	U	3.97	U	3.57	U	3.99	UJ	3.5	U	3.5	U
Naphthalene	SVOCs	ug/L	0.12	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	0.287	U	0.288	UJ	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Phenanthrene	SVOCs	ug/L	NE	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	28.7		10.5	JI	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
Pyrene	SVOCs	ug/L	12	NE	0.282	UJ	0.288	U	0.282	UJ	0.281	U	0.33	U	0.285	U	0.321	UJ	0.281	UJ	0.294	U	1.7	J	0.499	JI	0.321	U	0.322	U	0.289	U	0.323	UJ	0.284	U	0.284	U
1,1,2-Trichloroethane	VOCs	ug/L	0.041	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
1,1-Dichloroethane	VOCs	ug/L	2.8	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.59	J	0.333	U	0.333	U	0.333	U
1,1-Dichloroethylene	VOCs	ug/L	0.82	7	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
1,2-Dichloroethane	VOCs	ug/L	0.17	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
2-Butanone	VOCs	ug/L	560	NE	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U
Acetone	VOCs	ug/L	1,800	NE	1.74	U	1.74	U	23.3		1.74	U	1.74	U	2.3	J	7.36		21.7		2.81	J	2.81	J	3.12	J	1.74	U	1.99	J	11.9		1.74	U	1.97	J	1.74	U
Benzene	VOCs	ug/L	0.46	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	1.19		1.11		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Chlorobenzene	VOCs	ug/L	7.8	100	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	2.07		1.94		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Chloroethane	VOCs	ug/L	830	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Chloroform	VOCs	ug/L	0.22	80	0.333	U	0.333	U	1.31		0.333	U	0.333	U	0.333	U	0.333	U	22.7		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.42	J	0.333	U
cis-1,2-Dichloroethylene	VOCs	ug/L	2.5	70	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	1.06		0.333	U	0.333	U
Cyclohexane	VOCs	ug/L	1,300	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	2.68		2.65		0.333	U	0.333	U	0.333	U	0.333	U	3		0.333	U
Ethylbenzene	VOCs	ug/L	1.5	700	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Isopropylbenzene	VOCs	ug/L	45	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	8.86		9.71		0.333	U	0.333	U	0.333	U	0.333	U	0.5	J	0.333	U
m,p-Xylenes	VOCs	ug/L	19	10,000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	VOCs	ug/L	20	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	3.77		5.22		0.333	U	0.333	U	0.333	U	0.333	U	4.46		0.333	U
Methylene chloride	VOCs	ug/L	11	5	0.5	U	0.68	BJ	0.5	U	1	J	1.03	BJ	1.01	BJ	1.03	BJ	0.5	U	1.04	BJ	0.71	BJ	0.7	BJ	1.02	BJ	1.03	BJ	0.73	BJ	1.02	BJ	1.02	BJ	0.5	U
o-Xylene	VOCs	ug/L	19	10,000	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Tetrachloroethylene	VOCs	ug/L	4.1	5	0.333	U	0.333	U	0.333	U	1.01		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Toluene	VOCs	ug/L	110	1,000	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.37	J
trans-1,2-Dichloroethylene	VOCs	ug/L	6.8	100	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.79	J	0.333	U	0.333	U	0.333	U
Trichloroethylene	VOCs	ug/L	0.28	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.72	J	0.333	U	0.333	U	0.333	U
Vinyl chloride	VOCs	ug/L	0.019	2	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (PFPrOPrA)	PFAS	ng/L	1.5	10	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-ethylperfluoro-1-octanesulfonamidoacetic acid	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-methylperfluoro-1-octanesulfonamidoacetic acid	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorobutane sulfonic acid (PFBS)	PFAS	ng/L	600	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorobutyric acid (PFBA)	PFAS	ng/L	1,800	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorodecane sulfonic acid (PFDS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorodecanoic acid (PFDA)	PFAS	ng/L	0.004	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroheptane sulfonic acid (PFHpS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroheptanoic acid (PFHpA)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorohexane sulfonic acid (PFHxS)	PFAS	ng/L	39	10	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorohexanoic acid (PFHxA)	PFAS	ng/L	990	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorononanoic acid (PFNA)	PFAS	ng/L	5.9	10	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctane sulfonic acid (PFOS)	PFAS	ng/L	0.2	4	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanesulfonamide (PFOSA)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanoic acid (PFOA)	PFAS	ng/L	0.0027	4	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoropentane sulfonic acid (PFPeS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoropentanoic acid (PFPeA)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	

Table 4
Summary of Constituents Detected in Groundwater Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Units	Tapwater RSL	MCL	LS-MW-01		LS-MW-17		LS-MW-18		LS-MW-19		LS-MW-20		LS-MW-21		LS-MW-22		LS-MW-22-DP		LS-MW-23		LS-MW-24		LS-MW-24-DP		LS-MW-25		LS-MW-26		LS-MW-27		LS-MW-28D		MW-18		MW-19	
					Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	Hexavalent Chromium	mg/L	0.00011	NE	0.003	U	0.003	U	0.003	U	0.15	U	0.0108	JI	0.003	U	0.003	U	0.00525	J	0.003	U	0.00302	J	0.003	U	0.003	U	0.00525	J	0.003	U	NA		0.003	U	0.0446	
Hexavalent Chromium-Dissolved	Hexavalent Chromium	mg/L	0.00011	NE	0.003	U	0.003	U	0.003	U	0.003	U	0.00302	J	0.00302	J	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	0.003	U	NA		0.00586	J	0.0258	
Aluminum	Metals	ug/L	2,000	NE	2,820		587		211		250,000		850		105	J	11,700		12,400		345	J	752		814		553		1,540		1,060		NA		72.4	J	2,640	
Aluminum-Dissolved	Metals	ug/L	2,000	NE	68	U	1,540		68	U	1,520		413		85.5	J	7,180		8,990		340	U	392		363		68	U	68	U	68	U	NA		68	U	856	
Antimony	Metals	ug/L	0.78	6	3.5	U	8.01	J	3.5	U	35	U	3.5	U	4.61	U	17.5	U	17.5	U	21.5		3.5	U	3.5	U	3.5	U	3.5	U	16.3	J	NA		3.5	U	3.74	J
Antimony-Dissolved	Metals	ug/L	0.78	6	3.5	U	16.7	J	3.5	U	3.5	U	3.5	U	4.91	J	17.5	U	17.5	U	19	J	3.5	U	3.5	U	3.5	U	3.5	U	20.3		NA		3.5	U	3.5	U
Arsenic	Metals	ug/L	0.052	10	5	U	13.4	J	26.6	J	61.5	J	9.61	J	5	U	25	U	29.2	J	5	U	11.3	J	7.09	J	5	U	5	U	5	U	NA		5.09	J	5	U
Arsenic-Dissolved	Metals	ug/L	0.052	10	5	U	7.29	J	30.8		17.1	J	7.86	J	5	U	31.6	J	25	U	5	U	7.86	J	6.39	J	5	U	5	U	5	U	NA		5	U	5	U
Barium	Metals	ug/L	380	2,000	209		27.1		28.1		342		220		20.4		56.7		61.9		23.3		48.3		43.1		52.8		76.3		235		NA		65.9		46.1	
Barium-Dissolved	Metals	ug/L	380	2,000	222		41.2		14.3		6.18		131		20.2		60.1		71.2		23.9		47.4		47		60.1		71.6		190		NA		67.9		36.4	
Beryllium	Metals	ug/L	2.5	4	1	U	1	U	1	U	10	U	1	U	1	U	2.26	J	2.18	J	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Beryllium-Dissolved	Metals	ug/L	2.5	4	1	U	1	U	1	U	1	U	1	U	1	U	1.66	J	1.74	J	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Cadmium	Metals	ug/L	0.18	5	1	U	1	U	1	U	10	U	1	U	1.32	J	5	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Cadmium-Dissolved	Metals	ug/L	0.18	5	1	U	1	U	1	U	1	U	1	U	1.08	J	5	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Calcium	Metals	ug/L	NE	NE	84,800		30,100		26,900		5,450		79,000		563,000		769,000		836,000		629,000		33,900		33,000		21,500		44,500		87,500		NA		55,600		22,200	
Calcium-Dissolved	Metals	ug/L	NE	NE	80,700		48,800		26,200		770		52,700		633,000		793,000		960,000		644,000		33,800		34,500		24,400		44,000		80,500		NA		57,300		21,400	
Chromium	Metals	ug/L	NE	100	8.29	J	3.05	J	1.56	J	165		4.49	J	22.1	J	16.1	J	24.5	J	1	U	1.17	J	1	U	2.64	J	5.03	J	8.74	J	NA		1	U	27.2	
Chromium-Dissolved	Metals	ug/L	NE	100	3.45	J	2.2	J	1	U	3.45	J	1.87	J	24.2	J	16.6	J	16.4	J	1	U	1	U	1	U	1.4	J	2.84	J	4.38	J	NA		1	U	24.2	
Cobalt	Metals	ug/L	0.6	NE	1	U	1	U	1	U	20.5	J	3.4	J	1	U	5	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Cobalt-Dissolved	Metals	ug/L	0.6	NE	1	U	1	U	1	U	1	U	1	U	1	U	5	U	5	U	1.3	J	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Copper	Metals	ug/L	80	1,300	3.92	J	12.6	J	3	U	30	U	3	U	4.24	J	31.7	J	36.2	J	3	U	3	U	3	U	3	U	3	U	13.7	J	NA		3	U	3	U
Copper-Dissolved	Metals	ug/L	80	1,300	3	U	9.78	J	3	U	3	U	3	U	3	U	33.6	J	42.9	J	3	U	3	U	3	U	3	U	3	U	3	U	NA		3	U	3	U
Iron	Metals	ug/L	1,400	NE	22,300		921		7,110		106,000		33,500		61,500		661,000		716,000		6,760		3,130		2,820		944		984		6,120		NA		4,920		1,080	
Iron-Dissolved	Metals	ug/L	1,400	NE	15,300		30	U	4,400		1,970		11,600		60,400		679,000		820,000		7,730		2,800		2,880		209		119		4,530		NA		5,050		30	U
Lead	Metals	ug/L	10	10	3.3	U	14.6	J	3.3	U	65.6	J	3.3	U	3.3	U	16.5	U	16.5	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	37.5		NA		3.52	Ub	3.3	U
Lead-Dissolved	Metals	ug/L	10	10	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	16.5	U	16.5	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	NA		4.52	Ub	3.3	U
Magnesium	Metals	ug/L	NE	NE	27,800		5,030		5,880		5,420		37,400		32,200		205,000		223,000		13,000		5,660		5,250		6,260		7,320		29,800		NA		8,490		889	
Magnesium-Dissolved	Metals	ug/L	NE	NE	26,100		1,250		5,760		110	U	24,100		32,000		214,000		260,000		13,800		5,610		5,730		7,560		7,130		27,800		NA		8,670		110	U
Manganese	Metals	ug/L	43	NE	546		33.4		197		259		1,190		1,120		33,300		36,200		427		101		89.3		173		309		1,500		NA		178		7.94	J
Manganese-Dissolved	Metals	ug/L	43	NE	581		2	U	188		5.21	J	462		1,110		35,000		41,600		468		99		98		184		291		1,330		NA		180		2	U
Mercury	Metals	ug/L	0.063	2	0.067	U	0.067	U	0.067	U	0.159	J	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	NA		0.067	U	0.067	U
Mercury-Dissolved	Metals	ug/L	0.063	2	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	NA		0.067	U	0.067	U
Nickel	Metals	ug/L	39	NE	1.5	U	2.41	J	1.5	U	64.1		5.04		1.5	U	7.5	U	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	2.92	J	NA		1.5	U	1.5	U
Nickel-Dissolved	Metals	ug/L	39	NE	1.8	J	3.2	J	1.5	U	1.5	U	4.73	J	1.5	U	7.5	U	7.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NA		1.5	U	1.5	U
Potassium	Metals	ug/L	NE	NE	39,200		15,400		15,900		5,120		92,000		6,960		50,500		54,900		11,900		9,560		9,730		5,580		4,560		18,600		NA		3,510		3,880	
Potassium-Dissolved	Metals	ug/L	NE	NE	34,800		32,900		15,800		1,030		58,900		6,920		52,800		63,700		12,500		9,600		9,650		5,440		4,310		17,500		NA		3,580		3,830	
Selenium	Metals	ug/L	10	50	44.5	Ub	6	U	6	U	60	U	6	U	162		87.2	J	149	J	6	U	6	U	6	U	16.4	Ub	31.7	Ub	42.9	Ub	NA		6	U	6	U
Selenium-Dissolved	Metals	ug/L	10	50	39	Ub	10.5	J	6	U	6	U	6	U	200		76.8	J	125	J	6.84	J	6	U	6	U	18	Ub	34	Ub	37.6	Ub	NA		6	U	6	U
Silver	Metals	ug/L	9.4	NE	1	U	1	U	1	U	10	U	1	U	5	U	9.28	J	7.22	J	5	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Silver-Dissolved	Metals	ug/L	9.4	NE	1	U	1	U	1	U	1	U	1	U	5	U	7.05	J	9.61	J	5	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Sodium	Metals	ug/L	NE	NE	61,200		132,000		93,900		180,000		154,000		35,100		78,000		76,700		32,100		22,000		22,100		16,200		23,600		92,400		NA		9,110		6,220	
Sodium-Dissolved	Metals	ug/L	NE	NE	60,100		111,000		94,100		157,000		94,000		34,600		75,200		77,100		33,400		21,800		21,800		17,800		23,000		87,700		NA		9,520		6,260	
Vanadium	Metals	ug/L	8.6	NE	4.48	J	134		1.46	J	266		41.3		1	U	5	U	5	U	1.18	J	3.69	J	4.08	J	1.74	J	19.3		10.9		NA		1	U	91.1	
Vanadium-Dissolved	Metals	ug/L	8.6	NE	1	U	164		1	U	23.8		39		1	U	5	U	5	U	1.37	J	3.07	J	2.89	J	1	U	16.8		4.76	J	NA		1	U	85	
Zinc	Metals	ug/L	600	NE	14.3	J	79.8		7.9	J	187	J	30.1		40.3	J	65.5	J	65.2	J	30.4	J	4.23	J	3.65	J	7.54	J	44		48.9		NA		11.1	J	14.6	J
Zinc-Dissolved	Metals	ug/L	600	NE	11.6	J	11.5	J	7.13	J	3.3	U	10.3	J	38.1	J	61.6	J	66.6	J	29.8	J	4.24	J	4.75	J	7.71	J	32		9.88	J	NA		12	J	5.45	J
2-Methylnaphthalene	SVOCs	ug/L	3.6	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	1.92		0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Acenaphthene	SVOCs	ug/L	53	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	2.56		0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Benzo(a)anthracene	SVOCs	ug/L	0.030	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.3	U	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
bis(2-Ethylhexyl)phthalate	SVOCs	ug/L	5.6	6	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.3	U	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Carbazole	SVOCs	ug/L	NE	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.54	J	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Diethylphthalate	SVOCs	ug/L	1,500	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.3	U	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	48.5		NA		0.285	U	0.284	U
Dimethylphthalate	SVOCs	ug/L	NE	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.3	U	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Di-n-butylphthalate	SVOCs	ug/L	90	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.32	J	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Di-n-octylphthalate	SVOCs	ug/L	20	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.3	U	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Fluoranthene	SVOCs	ug/L	80	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.3	U	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Fluorene	SVOCs	ug/L	29	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.92	J	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
m,p-Cresols	SVOCs	ug/L	NE	NE	3.48	UJ	3.47	UJ	3.48	UJ	3.48	UJ	3.7	U	3.47	U	3.5	U	3.49	UJ	3.49	U	3.98	U	4.01	U	3.5	U	3.54	UJ	3.57	U	NA		3.51	U	3.5	U
Naphthalene	SVOCs	ug/L	0.12	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	2.22		0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Phenanthrene	SVOCs	ug/L	NE	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	1.33		0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
Pyrene	SVOCs	ug/L	12	NE	0.282	UJ	0.282	UJ	0.282	UJ	0.282	UJ	0.3	U	0.281	U	0.284	U	0.283	UJ	0.283	U	0.323	U	0.326	U	0.284	U	0.287	UJ	0.29	U	NA		0.285	U	0.284	U
1,1,2-Trichloroethane	VOCs	ug/L	0.041	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
1,1-Dichloroethane	VOCs	ug/L	2.8	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
1,1-Dichloroethylene	VOCs	ug/L	0.82	7	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
1,2-Dichloroethane	VOCs	ug/L	0.17	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
2-Butanone	VOCs	ug/L	560	NE	1.67	U	1.67	U	1.67	U	1.67	U	3.79	J	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U
Acetone	VOCs	ug/L	1,800	NE	1.74	U	12.1		4.65	J	5.68		22		1.74	U	1.74	U	1.74	U	3.9	J	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	2.93	J	1.74	U	2.05	J
Benzene	VOCs	ug/L	0.46	5	0.333	U	0.333	U	0.333	U	1.12		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Chlorobenzene	VOCs	ug/L	7.8	100	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Chloroethane	VOCs	ug/L	830	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Chloroform	VOCs	ug/L	0.22	80	0.333	U	3.44		0.333	U	0.333	U	1.87		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	3.82		0.333	U	0.333	U	0.333	U
cis-1,2-Dichloroethylene	VOCs	ug/L	2.5	70	0.333	U	0.333	U	0.52	J	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cyclohexane	VOCs	ug/L	1,300	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Ethylbenzene	VOCs	ug/L	1.5	700	0.333	U	0.333	U	0.333	U	1.14		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Isopropylbenzene	VOCs	ug/L	45	NE	0.333	U	0.333	U	0.333	U	3.39		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
m,p-Xylenes	VOCs	ug/L	19	10,000	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	VOCs	ug/L	20	NE	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Methylene chloride	VOCs	ug/L	11	5	0.5	U	0.77	J	0.5	U	0.5	U	1.25	J	0.5	U	0.83	J	0.88	J	0.5	J	1.01	BJ	1.02	BJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	VOCs	ug/L	19	10,000	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Tetrachloroethylene	VOCs	ug/L	4.1	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.43	J
Toluene	VOCs	ug/L	110	1,000	0.333	U	0.333	U	0.333	U	0.55	J	0.46	J	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
trans-1,2-Dichloroethylene	VOCs	ug/L	6.8	100	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Trichloroethylene	VOCs	ug/L	0.28	5	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Vinyl chloride	VOCs	ug/L	0.019	2	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	PFAS	ng/L	NE	NE	NA		72.1		NA		2.35	U	27.2		NA		NA		NA		NA		2.26	U	2.25	U	NA		NA		2.3	U	NA		NA		NA	
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (PFPrOPrA)	PFAS	ng/L	1.5	10	NA		17.9		NA		2.47	U	2.64	U	NA		NA		NA		NA		2.38	U	2.37	U	NA		NA		2.42	U	NA		NA		NA	
N-ethylperfluoro-1-octanesulfonamidoacetic acid	PFAS	ng/L	NE	NE	NA		0.638	U	NA		0.618	U	2.33		NA		NA		NA		NA		0.595	U	0.593	U	NA		NA		0.605	U	NA		NA		NA	
N-methylperfluoro-1-octanesulfonamidoacetic acid	PFAS	ng/L	NE	NE	NA		0.638	U	NA		2.65		0.661	U	NA		NA		NA		NA		0.595	U	0.593	U	NA		NA		0.605	U	NA		NA		NA	
Perfluorobutane sulfonic acid (PFBS)	PFAS	ng/L	600	NE	NA		2.83	U	NA		2.74	U	5.86	U	NA		NA		NA		NA		6.46		6.58		NA		NA		3.42		NA		NA		NA	
Perfluorobutyric acid (PFBA)	PFAS	ng/L	1,800	NE	NA		31.4		NA		13.4		24.1		NA		NA		NA		NA		13.4		11.8		NA		NA		11.2		NA		NA		NA	
Perfluorodecane sulfonic acid (PFDS)	PFAS	ng/L	NE	NE	NA		0.616	U	NA		4.77		0.637	U	NA		NA		NA		NA		0.575	U	0.572	U	NA		NA		0.584	U	NA		NA		NA	
Perfluorodecanoic acid (PFDA)	PFAS	ng/L	0.004	NE	NA		0.638	U	NA		3.04		6.25		NA		NA		NA		NA		0.595	U	0.593	U	NA		NA		0.605	U	NA		NA		NA	
Perfluoroheptane sulfonic acid (PFHpS)	PFAS	ng/L	NE	NE	NA		0.608	U	NA		0.589	U	2.34		NA		NA		NA		NA		0.567	U	0.565	U	NA		NA		0.576	U	NA		NA		NA	
Perfluoroheptanoic acid (PFHpA)	PFAS	ng/L	NE	NE	NA		14.3		NA		2.93		16.7		NA		NA		NA		NA		2.49		2.61		NA		NA		8.53		NA		NA		NA	
Perfluorohexane sulfonic acid (PFHxS)	PFAS	ng/L	39	10	NA		18.4		NA		16.2		33.2		NA		NA		NA		NA		7.91		8.86		NA		NA		23.3		NA		NA		NA	
Perfluorohexanoic acid (PFHxA)	PFAS	ng/L	990	NE	NA		56.3		NA		11.5		36.4		NA		NA		NA		NA		4.45		5.18		NA		NA		28.6		NA		NA		NA	
Perfluorononanoic acid (PFNA)	PFAS	ng/L	5.9	10	NA		3.19	U	NA		0.618	U	7.93		NA		NA		NA		NA		1.89		2.12		NA		NA		7.24		NA		NA		NA	
Perfluorooctane sulfonic acid (PFOS)	PFAS	ng/L	0.2	4	NA		34.3		NA		42.6		136		NA		NA		NA		NA		36.9		37.7		NA		NA		47.8		NA		NA		NA	
Perfluorooctanesulfonamide (PFOSA)	PFAS	ng/L	NE	NE	NA		3.19	U	NA		2.16		6.32		NA		NA		NA		NA		0.595	U	0.593	U	NA		NA		0.605	U	NA		NA		NA	
Perfluorooctanoic acid (PFOA)	PFAS	ng/L	0.0027	4	NA		62.1		NA		13.8		58.2		NA		NA		NA		NA		13.4		12.7		NA		NA		39.7		NA		NA		NA	
Perfluoropentane sulfonic acid (PFPeS)	PFAS	ng/L	NE	NE	NA		5.74		NA		2.89		3.58		NA		NA		NA		NA		0.56	U	0.558	U	NA		NA		3.07		NA		NA		NA	
Perfluoropentanoic acid (PFPeA)	PFAS	ng/L	NE	NE	NA		23.5		NA		4.49		29.6		NA		NA		NA		NA		3.76		4.59		NA		NA		19.7		NA		NA		NA	

Table 4
Summary of Constituents Detected in Groundwater Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Units	Tapwater RSL	MCL	LS-MW-01		MW-20		MW-21		MW-22		MW-23		MW-CA-1		MW-CA-2		MW-CA-2-DP		MW-CA-3		MW-CA-4		LS-Facility Water	
					Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	Hexavalent Chromium	mg/L	0.00011	NE	0.003	U	0.003	U	0.0867		0.003	U	0.015	U	0.00475	J	0.0358		0.0313		0.003	U	0.003	U	NA	
Hexavalent Chromium-Dissolved	Hexavalent Chromium	mg/L	0.00011	NE	0.003	U	0.003	U	0.0889		0.003	U	0.00475	J	0.00475	J	0.0347		0.0302		0.003	U	0.00586	J	NA	
Aluminum	Metals	ug/L	2,000	NE	2,820		1,430		755		343		1,470		97.8	J	3,020		3,050		68	U	82	J	NA	
Aluminum-Dissolved	Metals	ug/L	2,000	NE	68	U	68	U	745		68	U	68	U	68	U	2,900		2,790		68	U	68	U	NA	
Antimony	Metals	ug/L	0.78	6	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	4.46	J	NA	
Antimony-Dissolved	Metals	ug/L	0.78	6	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	NA	
Arsenic	Metals	ug/L	0.052	10	5	U	5	U	7.64	J	8.39	J	8.93	J	5	U	9.2	J	5	U	5	U	5	U	NA	
Arsenic-Dissolved	Metals	ug/L	0.052	10	5	U	5	U	6.66	J	5	U	5	U	5	U	5	U	12.1	J	5	U	5	U	NA	
Barium	Metals	ug/L	380	2,000	209		44.6		498		14		298		49.4		26.9		27.8		330		127		NA	
Barium-Dissolved	Metals	ug/L	380	2,000	222		40.3		541		13.3		204		48.1		27.3		26.6		284		129		NA	
Beryllium	Metals	ug/L	2.5	4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA	
Beryllium-Dissolved	Metals	ug/L	2.5	4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA	
Cadmium	Metals	ug/L	0.18	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA	
Cadmium-Dissolved	Metals	ug/L	0.18	5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA	
Calcium	Metals	ug/L	NE	NE	84,800		55,100		282,000		30,600		102,000		17,600		79,700		79,700		175,000		140,000		NA	
Calcium-Dissolved	Metals	ug/L	NE	NE	80,700		56,700		302,000		30,100		69,100		17,600		79,700		76,700		162,000		142,000		NA	
Chromium	Metals	ug/L	NE	100	8.29	J	6.35	J	84.5		2.88	J	92.7		1	U	33.6		34.3		2.78	J	1.91	J	NA	
Chromium-Dissolved	Metals	ug/L	NE	100	3.45	J	1.7	J	81.5		2.41	J	1.39	J	1.83	J	34.8		33.8		1.4	J	1.71	J	NA	
Cobalt	Metals	ug/L	0.6	NE	1	U	1	U	1	U	1	U	3.78	J	2.13	J	1	U	1	U	1	U	1	U	NA	
Cobalt-Dissolved	Metals	ug/L	0.6	NE	1	U	1	U	1	U	1	U	1	U	1.14	J	1	U	1	U	1	U	1	U	NA	
Copper	Metals	ug/L	80	1,300	3.92	J	5.79	J	3	U	3	U	113		3	U	3	U	3	U	3	U	3	U	NA	
Copper-Dissolved	Metals	ug/L	80	1,300	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	NA	
Iron	Metals	ug/L	1,400	NE	22,300		2,160		30	U	312		74,000		6,460		70.2	J	81.4	J	56,300		12,500		NA	
Iron-Dissolved	Metals	ug/L	1,400	NE	15,300		43	J	30	U	30	U	23,600		6,350		30	U	30	U	40,000		12,700		NA	
Lead	Metals	ug/L	10	10	3.3	U	3.3	U	10.9	Ub	4.95	Ub	223		7.85	Ub	5.11	Ub	3.3	U	80.6		3.3	U	NA	
Lead-Dissolved	Metals	ug/L	10	10	3.3	U	3.3	U	13.1	Ub	4.49	Ub	3.3	U	6.32	Ub	4.88	Ub	3.3	U	3.3	U	3.3	U	NA	
Magnesium	Metals	ug/L	NE	NE	27,800		12,700		110	U	6,550		21,100		3,280		110	U	110	U	37,300		70,200		NA	
Magnesium-Dissolved	Metals	ug/L	NE	NE	26,100		12,800		110	U	6,740		20,700		3,270		110	U	110	U	36,000		71,100		NA	
Manganese	Metals	ug/L	43	NE	546		56.8		2	U	32.8		1,400		202		2	U	2	U	1,550		539		NA	
Manganese-Dissolved	Metals	ug/L	43	NE	581		17.4		2	U	30.5		475		200		2	U	1.420		1,420		555		NA	
Mercury	Metals	ug/L	0.063	2	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	NA	
Mercury-Dissolved	Metals	ug/L	0.063	2	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	NA	
Nickel	Metals	ug/L	39	NE	1.5	U	1.5	U	1.7	J	1.5	U	39.1		1.5	U	1.5	U	1.5	U	3.23	J	1.5	U	NA	
Nickel-Dissolved	Metals	ug/L	39	NE	1.8	J	1.5	U	1.5	U	1.5	U	3.17	J	1.76	J	1.85	J	1.61	J	1.9	J	2.77	J	NA	
Potassium	Metals	ug/L	NE	NE	39,200		3,020		20,300		6,210		35,600		4,260		9,110		9,120		42,500		28,100		NA	
Potassium-Dissolved	Metals	ug/L	NE	NE	34,800		3,040		21,100		6,110		25,700		4,300		9,090		8,780		41,300		28,400		NA	
Selenium	Metals	ug/L	10	50	44.5	Ub	6.36	J	6	U	6	U	6	U	6	U	6	U	6	U	6	U	6	U	NA	
Selenium-Dissolved	Metals	ug/L	10	50	39	Ub	6	U	30	U	6	U	6	U	6	U	6	U	30	U	12	J	8	J	NA	
Silver	Metals	ug/L	9.4	NE	1	U	1	U	3.02	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA	
Silver-Dissolved	Metals	ug/L	9.4	NE	1	U	1	U	3.18	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA	
Sodium	Metals	ug/L	NE	NE	61,200		14,600		18,600		12,900		31,400		23,600		9,100		9,160		59,200		21,900		NA	
Sodium-Dissolved	Metals	ug/L	NE	NE	60,100		14,900		19,200		13,100		36,300		23,900		9,130		8,840		56,700		22,400		NA	
Vanadium	Metals	ug/L	8.6	NE	4.48	J	22.9		1.45	J	117		10.8		1	U	551		484		1	U	1	U	NA	
Vanadium-Dissolved	Metals	ug/L	8.6	NE	1	U	8.07		1.29	J	105		1	U	1	U	487		470		1	U	1	U	NA	
Zinc	Metals	ug/L	600	NE	14.3	J	32.8		26.3		9.32	J	2,200		8.51	J	13.3	J	13.7	J	195		8.21	J	NA	
Zinc-Dissolved	Metals	ug/L	600	NE	11.6	J	16.5	J	23.4		8.18	J	14.3	J	5.33	J	12.5	J	13.2	J	38.3		7.43	J	NA	
2-Methylnaphthalene	SVOCs	ug/L	3.6	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	3.55	J	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Acenaphthene	SVOCs	ug/L	53	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	1.5	U	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Benzo(a)anthracene	SVOCs	ug/L	0.030	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	1.6	J	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
bis(2-Ethylhexyl)phthalate	SVOCs	ug/L	5.6	6	0.282	UJ	0.301	U	0.345	U	0.285	U	314		0.283	U	0.284	U	0.291	U	7.83		0.287	U	NA	
Carbazole	SVOCs	ug/L	NE	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	1.5	U	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Diethylphthalate	SVOCs	ug/L	1,500	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	1.5	U	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Dimethylphthalate	SVOCs	ug/L	NE	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	18.7		0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Di-n-butylphthalate	SVOCs	ug/L	90	NE	0.282	UJ	0.301	U	0.391	J	0.285	U	4.6	BJ	0.283	U	0.445	J	0.291	U	0.286	U	0.287	U	NA	
Di-n-octylphthalate	SVOCs	ug/L	20	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	1.5	U	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Fluoranthene	SVOCs	ug/L	80	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	3.1	J	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Fluorene	SVOCs	ug/L	29	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	1.5	U	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
m,p-Cresols	SVOCs	ug/L	NE	NE	3.48	UJ	3.72	U	4.26	U	3.52	U	18.5	U	3.49	U	3.51	U	3.59	U	3.53	U	3.54	U	NA	
Naphthalene	SVOCs	ug/L	0.12	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	18.2		0.283	U	0.284	U	0.291	U	2.83		0.287	U	NA	
Phenanthrene	SVOCs	ug/L	NE	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	3.1	J	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
Pyrene	SVOCs	ug/L	12	NE	0.282	UJ	0.301	U	0.345	U	0.285	U	3.05	J	0.283	U	0.284	U	0.291	U	0.286	U	0.287	U	NA	
1,1,2-Trichloroethane	VOCs	ug/L	0.041	5	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	2.86		0.333	U	NA	
1,1-Dichloroethane	VOCs	ug/L	2.8	NE	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	21.6		0.333	U	NA	
1,1-Dichloroethylene	VOCs	ug/L	0.82	7	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	39.4		0.333	U	NA	
1,2-Dichloroethane	VOCs	ug/L	0.17	5	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	20.5		0.333	U	NA	
2-Butanone	VOCs	ug/L	560	NE	1.67	U	1.67	U	1.67	U	1.67	U	417	U	1.67	U	1.67	U	1.67	U	1.67	U	1.67	U	NA	
Acetone	VOCs	ug/L	1,800	NE	1.74	U	8.37		3.94	J	1.74	U	436	U	1.74	U	1.74	U	1.92	J	1.74	U	1.98	J	NA	
Benzene	VOCs	ug/L	0.46	5	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	1.92		0.333	U	NA	
Chlorobenzene	VOCs	ug/L	7.8	100	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	NA	
Chloroethane	VOCs	ug/L	830	NE	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	5.94		0.333	U	NA	
Chloroform	VOCs	ug/L	0.22	80	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	NA	
cis-1,2-Dichloroethylene	VOCs	ug/L	2.5	70	0.333	U	0.333	U	0.333	U	0.333	U	12,100		0.333	U	0.42	J	0.4	J	27,600		0.333	U	NA	
Cyclohexane	VOCs	ug/L	1,300	NE	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	NA	
Ethylbenzene	VOCs	ug/L	1.5	700	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	2.24		0.333	U	NA	
Isopropylbenzene	VOCs	ug/L	45	NE	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	1.57		0.333	U	NA	
m,p-Xylenes	VOCs	ug/L	19	10,000	0.5	U	0.5	U	0.5	U	0.5	U	125	U	0.5	U	0.5	U	0.5	U	3.95		0.5	U	NA	
Methylcyclohexane	VOCs	ug/L	20	NE	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	NA	
Methylene chloride	VOCs	ug/L	11	5	0.5	U	0.5	U	0.5	U	0.5	U	230	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA	
o-Xylene	VOCs	ug/L	19	10,000	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	12.6		0.333	U	NA	
Tetrachloroethylene	VOCs	ug/L	4.1	5	0.333	U	0.333	U	0.333	U	0.333	U	1,180		0.333	U	3.77		3.6		80.6		0.333	U	NA	
Toluene	VOCs	ug/L	110	1,000	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	9.8		0.333	U	NA	
trans-1,2-Dichloroethylene	VOCs	ug/L	6.8	100	0.333	U	0.333	U	0.333	U	0.333	U	83.3	U	0.333	U	0.333	U	0.333	U	167	U	0.333	U	NA	
Trichloroethylene	VOCs	ug/L	0.28	5	0.333	U	0.333	U	0.333	U	0.333	U	245	J	0.333	U	0.333	U	0.333	U	1,530		0.333	U	NA	
Vinyl chloride	VOCs	ug/L	0.019	2	0.333	U	0.333	U	0.333	U	0.333	U	1,930		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	NA	
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.33	U
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (PFPrOPrA)	PFAS	ng/L	1.5	10	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.45	U
N-ethylperfluoro-1-octanesulfonamidoacetic acid	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.612	U
N-methylperfluoro-1-octanesulfonamidoacetic acid	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.612	U
Perfluorobutane sulfonic acid (PFBS)	PFAS	ng/L	600	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		3.51	
Perfluorobutyric acid (PFBA)	PFAS	ng/L	1,800	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		2.45	U
Perfluorodecane sulfonic acid (PFDS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.59	U
Perfluorodecanoic acid (PFDA)	PFAS	ng/L	0.004	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.612	U
Perfluoroheptane sulfonic acid (PFHpS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.583	U
Perfluoroheptanoic acid (PFHpA)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		3.83	
Perfluorohexane sulfonic acid (PFHxS)	PFAS	ng/L	39	10	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		1.72	
Perfluorohexanoic acid (PFHxA)	PFAS	ng/L	990	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		5.64	
Perfluorononanoic acid (PFNA)	PFAS	ng/L	5.9	10	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.612	U
Perfluorooctane sulfonic acid (PFOS)	PFAS	ng/L	0.2	4	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		8.08	
Perfluorooctanesulfonamide (PFOSA)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.612	U
Perfluorooctanoic acid (PFOA)	PFAS	ng/L	0.0027	4	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		5.25	
Perfluoropentane sulfonic acid (PFPeS)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.576	U
Perfluoropentanoic acid (PFPeA)	PFAS	ng/L	NE	NE	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		6.77	

Table 4
Summary of Constituents Detected in Groundwater Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

NOTES:
1 - This table lists analytes detected in one or more groundwater samples. See the laboratory analytical reports for the full list of target analytes.
2 - Regional Screening Level (RSL) for Tapwater from USEPA *Regional Screening Level (RSL) Summary Table* (THQ=0.1), November 2024.
3 - MCL = Maximum Contaminant Level for South Carolina Class GB Groundwater.
4- "NE" indicates RSL or MCL not established for constituent.
5 - "J" data qualifier indicates the reported concentration is approximate. It exceeds the Method Detection Limit (MDL) but is less than the Reporting Limit (RL).
6 - "U" data qualifier indicates constituent was not detected above the indicated MDL.
7 - "Ub" = The sample result is qualitatively suspect because the analyte was detected in a field and/or laboratory blank at a similar level.
8 - "UJ" = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
9 - "Jl" = The reported concentration is approximate and probably biased towards lower values than the actual concentration of the analyte in the sample.
10 - "Jh" = The reported concentration is approximate and probably biased towards higher values than the actual concentration of the analyte in the sample.
11 - "R" = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
12 - All results reported in micrograms per liter (µg/L), except hexavalent chromium in milligrams per liter (mg/L), and PFAS constiuents in nanograms per liter (ng/L).
13 - Results highlighted in yellow indicate concentration exceeds Tapwater RSL November 2024 summary tables, for constituents without an established MCL.
14 - Results highlighted in orange indicate concentration exceeds Maximum Contaminant Level (MCL) for South Carolina Class GB groundwater.
15 - Samples collected March 4 through April 10 and June 8, 2026
16 - Field duplicate samples have -DP suffix in sample number
17 - "NA" = Not analyzed

Table 5
Summary of Constituents Detected in Surface Water Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	MCL	Water and Organism	Organism Only	Units	LS-SW-01		LS-SW-02		LS-SW-03		LS-SW-04		LS-SW-05		LS-SW-06		LS-SW-06-DP	
						Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Aluminum	Metals	NE	NE	NE	ug/L	711		1,060		804		1,060		1,130		94	J	90.2	J
Aluminum-Dissolved	Metals	NE	NE	NE	ug/L	68	U	68	U	68	U	68	U	68	U	86.2	J	86.2	J
Antimony	Metals	6	5.6	640	ug/L	3.5	U	11.2	Ub	5.96	Ub	6.28	Ub	3.5	U	3.5	U	3.5	U
Antimony-Dissolved	Metals	6	5.6	640	ug/L	3.5	U	5.97	Ub	5.5	Ub	3.5	U	3.5	U	3.5	U	3.5	U
Arsenic	Metals	10	10	10	ug/L	5	U	5	U	5	U	5	U	6.91	J	5	U	5	U
Arsenic-Dissolved	Metals	10	10	10	ug/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Barium	Metals	2,000	NE	NE	ug/L	52.1		22.4		21.5		51		16.5		36.6		35.8	
Barium-Dissolved	Metals	2,000	NE	NE	ug/L	33.7		18.9		19.6		24.9		4.07	J	36		36.5	
Cadmium	Metals	5	NE	NE	ug/L	1.06	J	1	U	1	U	1	U	1	U	1	U	1	U
Cadmium-Dissolved	Metals	5	NE	NE	ug/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Calcium	Metals	NE	NE	NE	ug/L	17,100		22,900		20,000		26,000		33,800		63,400		61,000	
Calcium-Dissolved	Metals	NE	NE	NE	ug/L	15,200		21,900		20,500		24,400		22,400		61,700		64,100	
Chromium	Metals	100	NE	NE	ug/L	14.7		3.76	J	2.64	J	27.6		89.4		2.92	J	2.88	J
Chromium-Dissolved	Metals	100	NE	NE	ug/L	2.01	J	1.1	J	1.36	J	1	U	2.85	J	2.86	J	3.1	J
Cobalt	Metals	NE	NE	NE	ug/L	1.36	J	1	U	1	U	1.56	J	7.62		1	U	1	U
Cobalt-Dissolved	Metals	NE	NE	NE	ug/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Copper	Metals	1,300	1,300	NE	ug/L	194		3	U	3	U	25		338		3	U	3	U
Copper-Dissolved	Metals	1,300	1,300	NE	ug/L	99.5		3	U	3	U	3	U	22.6		3	U	3	U
Iron	Metals	NE	NE	NE	ug/L	4,910	Jl	1,770		1,320		19,300	Jl	133,000		82.5	J	78.4	J
Iron-Dissolved	Metals	NE	NE	NE	ug/L	44.9	J	102		109		290	J	39.2	J	46.6	J	49.1	J
Lead	Metals	10	NE	NE	ug/L	22.2		9.14	J	4.98	J	11	J	18.8	J	3.3	U	3.3	U
Lead-Dissolved	Metals	10	NE	NE	ug/L	3.3	U	3.3	U	4.78	J	3.3	U	3.3	U	3.3	U	3.3	U
Magnesium	Metals	NE	NE	NE	ug/L	2,990		40,600		38,800		6,610		15,600		14,900		14,600	
Magnesium-Dissolved	Metals	NE	NE	NE	ug/L	2,130		39,300		40,100		5,980		10,400		14,700		15,100	
Manganese	Metals	NE	NE	NE	ug/L	232		121		84.4		489		1,090		21.9		21.5	
Manganese-Dissolved	Metals	NE	NE	NE	ug/L	80.2		75.5		65.9		74.3		7.71	J	20.1		20.6	
Mercury	Metals	2	0.05	0.051	ug/L	0.067	U	0.088	J	0.087	J	0.085	J	0.067	U	0.067	U	0.067	U
Mercury-Dissolved	Metals	2	0.05	0.051	ug/L	0.067	U	0.082	J	0.082	J	0.078	J	0.067	U	0.067	U	0.067	U
Nickel	Metals	NE	610	4,600	ug/L	8.83		1.5	U	1.5	U	10		88.8		1.5	U	1.5	U
Nickel-Dissolved	Metals	NE	610	4,600	ug/L	3.47	J	1.5	U	1.5	U	1.5	U	2.5	J	1.5	U	1.5	U
Potassium	Metals	NE	NE	NE	ug/L	3,240		14,400		13,800		5,120		6,860		9,470		9,160	
Potassium-Dissolved	Metals	NE	NE	NE	ug/L	3,090		13,900		14,400		4,960		7,050		9,260		9,600	
Selenium	Metals	50	170	4,200	ug/L	18.8	J	6	U	6	U	9.71	J	30.8		6	U	6	U
Selenium-Dissolved	Metals	50	170	4,200	ug/L	20.3	J	6.31	J	11.1	J	6	U	20.8	J	6.68	J	6	U
Sodium	Metals	NE	NE	NE	ug/L	1,760		305,000		293,000		25,800		12,400		17,500		16,900	
Sodium-Dissolved	Metals	NE	NE	NE	ug/L	1,680		297,000		305,000		25,700		11,900		17,100		17,800	
Vanadium	Metals	NE	NE	NE	ug/L	4.87	J	4.28	J	4.34	J	6.07		28.6		1.81	J	2.05	J
Vanadium-Dissolved	Metals	NE	NE	NE	ug/L	1	U	1.18	J	2.04	J	1	U	1	U	1.7	J	1.92	J
Zinc	Metals	NE	7,400	26,000	ug/L	2,710		57.2		13.8	J	270		252		7.58	J	8.29	J
Zinc-Dissolved	Metals	NE	7,400	26,000	ug/L	1,550		13.3	J	8.4	J	47.9		4.54	J	7.68	J	7.54	J
Diethylphthalate	SVOCs	NE	17,000	44,000	ug/L	0.505	J	0.287	U	0.283	U	0.282	U	0.383	J	0.286	U	0.287	U
Acetone	VOCs	NE	NE	NE	ug/L	69.2		1.74	U	1.74	U	1.74	U	35.8		7.26		7.25	
Bromodichloromethane	VOCs	80	0.55	17	ug/L	0.333	U	0.333	U	0.333	U	0.53	J	0.333	U	0.333	U	0.333	U
Chloroform	VOCs	80	5.7	470	ug/L	0.333	U	0.333	U	0.333	U	3.11		0.333	U	0.333	U	0.333	U
cis-1,2-Dichloroethylene	VOCs	70	NE	NE	ug/L	0.333	U	0.333	U	0.333	U	20.9		0.333	U	0.333	U	0.333	U
Methylene chloride	VOCs	5	4.6	590	ug/L	0.73	BJ	0.5	U	0.5	U	0.5	U	0.68	BJ	0.84	J	0.94	J
Tetrachloroethylene	VOCs	5	0.69	3.3	ug/L	0.333	U	0.333	U	0.333	U	1.77		0.333	U	0.333	U	0.333	U
Trichloroethylene	VOCs	5	2.5	30	ug/L	0.333	U	0.333	U	0.333	U	1.13		0.333	U	0.333	U	0.333	U
Vinyl chloride	VOCs	2	0.03	2.4	ug/L	0.333	U	0.333	U	0.333	U	2.15		0.333	U	0.333	U	0.333	U

NOTES:
1 - This table lists analytes detected in one or more surface water samples. See the laboratory analytical reports for the full list of target analytes.
2- All results reported in micrograms per liter (µg/L).
3 - Human health screening levels MCL : Maximum Contaminant Level and screening levels for consumption of "Water and Organism" or "Organism Only" from Regulation 61-68 Water Classifications and Standards- May 2025.
4 - "NE" indicates screening level not established for constituent.
5 - "J" data qualifier indicates the reported concentration is approximate. It exceeds the Method Detection Limit (MDL) but is less than the Reporting Limit (RL).
6 - "U" data qualifier indicates constituent was not detected above the indicated MDL.
7 - "Ub" = The sample result is qualitatively suspect because the analyte was detected in a field and/or laboratory blank at a similar level.
8 - "Jl" = The reported concentration is approximate and probably biased towards lower values than the actual concentration of the analyte in the sample.
9 - Results highlighted in yellow indicate concentration exceeds "Water and Organism" or "Organism Only" screening level
10 - Results highlighted in orange indicate concentration exceeds Maximum Contaminant Level (MCL)
11 - Samples collected March 12 through April 9, 2026
12 - Field duplicate samples have -DP suffix in sample number
13 - "B" = analyte was also detected in laboratory method blank.

Table 6

Summary of Constituents Detected in Sediment Samples

Liberty Steel Property

Georgetown, South Caorlina

VCC 25-8848-NRP

Constituent	Fraction	Screening Level ESV	Units	LS-SD-01		LS-SD-01-DP		LS-SD-02		LS-SD-03	
				Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	Hexavalent Chromium	NE	mg/kg	1.27	U	1.47	J	0.386	J	0.811	U
Aluminum	Metals	NE	ug/kg	9,980,000		8,780,000		2,850,000	Jh	19,000,000	J
Antimony	Metals	2,000	ug/kg	5,920	J	14,200	J	9,860	U	1,670	U
Arsenic	Metals	7,240	ug/kg	70,000		51,200		14,900	U	4,030	J
Barium	Metals	NE	ug/kg	103,000		113,000		22,800		95,700	
Beryllium	Metals	NE	ug/kg	688	J	643	J	2,990	U	566	J
Cadmium	Metals	680	ug/kg	3,440	J	4,590	J	2,990	U	507	U
Calcium	Metals	NE	ug/kg	4,610,000		6,540,000		2,460,000		108,000,000	
Chromium	Metals	52,300	ug/kg	404,000		272,000		294,000		77,500	
Cobalt	Metals	NE	ug/kg	19,000		14,900		26,300		3,700	
Copper	Metals	18,700	ug/kg	1,100,000		661,000		845,000		33,300	
Iron	Metals	NE	ug/kg	177,000,000		138,000,000		523,000,000		92,300,000	J
Lead	Metals	30,200	ug/kg	130,000		170,000		23,600	J	9,010	J
Magnesium	Metals	NE	ug/kg	5,100,000		6,930,000		1,740,000		4,370,000	Jh
Manganese	Metals	NE	ug/kg	2,340,000		2,120,000		3,170,000		915,000	
Mercury	Metals	130	ug/kg	134		125		103		42.1	U
Nickel	Metals	15,900	ug/kg	95,500		91,100		244,000		12,800	
Potassium	Metals	NE	ug/kg	389,000		632,000		332,000	Jl	752,000	
Selenium	Metals	NE	ug/kg	15,300	J	15,100	J	14,900	U	10,300	J
Sodium	Metals	NE	ug/kg	68,300		102,000		209,000	U	267,000	
Vanadium	Metals	NE	ug/kg	69,200		58,000		76,900	Jh	63,100	
Zinc	Metals	124,000	ug/kg	6,990,000		7,140,000		500,000		165,000	
Benzo(a)anthracene	SVOCs	75	ug/kg	364		268	J	16.7	U	52.6	U
Benzo(a)pyrene	SVOCs	89	ug/kg	324	J	200	J	16.7	U	52.6	U
Benzo(b)fluoranthene	SVOCs	NE	ug/kg	663		383	J	16.7	U	52.6	U
Benzo(ghi)perylene	SVOCs	310	ug/kg	267	J	170	J	16.7	U	52.6	U
Benzo(k)fluoranthene	SVOCs	NE	ug/kg	209	J	132	J	16.7	U	52.6	U
bis(2-Ethylhexyl)phthalate	SVOCs	182	ug/kg	454		332	J	16.7	U	52.6	U
Chrysene	SVOCs	108	ug/kg	425		268	J	16.7	U	52.6	UJ
Fluoranthene	SVOCs	113	ug/kg	836		536		16.7	U	52.6	UJ
Indeno(1,2,3-cd)pyrene	SVOCs	340	ug/kg	317	J	183	J	16.7	U	52.6	U
Phenanthrene	SVOCs	87	ug/kg	440		340	J	16.7	U	52.6	UJ
Pyrene	SVOCs	153	ug/kg	645		404	J	16.7	U	52.6	U
2-Butanone	VOCs	NE	ug/kg	4.03	U	4.01	U	26.3		799	U
Acetone	VOCs	NE	ug/kg	12	J	27.7		125		799	U
Cyclohexane	VOCs	NE	ug/kg	1.33	J	0.801	U	0.494	U	160	U

Notes:

1 - This table lists analytes detected in one or more sediment samples. See the laboratory analytical reports for the full list of target analytes.

2 - All results reported in micrograms per kilogram (ug/Kg), except hexavalent chromium reported in milligrams per kilogram (mg/kg)

3 - Samples collected March 10 through April 9, 2026

4 - Environmental Screening Value (ESV) for marine or estuarine sediment from Supplemental Guidance to ERAGS: Region 4, Ecological Risk Assessment; March 2018)

5 - J = Estimated concentration less than the Reporting Limit but greater than the Detection Limit

6 - U = Not Detected at indicated method detection limit.

7 - Jh = The reported concentration is approximate and probably biased towards higher values than the actual concentration of the analyte in the sample.

8 - Numbers highlighted in yellow indicate concentration exceeds ESV.

9 - Field duplicate samples have -DP suffix in sample number

10 - "NE" = Not Established

Table 7
Summary of Constituents Detected in Pore Water Samples
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

Constituent	Fraction	Tapwater RSL	MCL	Water and Organism	Organism Only	Units	LS-PW-01		LS-PW-02		LS-PW-02-DP		LS-PW-03		LS-PW-04	
							Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.	Lab Result	Qual.
Hexavalent Chromium	Hexavalent Chromium	0.00011				mg/L	0.003	U	0.003	U	0.003	U	0.015	U	0.015	U
Hexavalent Chromium-Dissolved	Hexavalent Chromium	0.00011				mg/L	0.003	U	0.003	U	0.003	U	0.003	U	0.00922	J
Aluminum	Metals	2,000	NE			ug/L	121,000		703	Ub	725	Ub	8,720		14,400	
Aluminum-Dissolved	Metals	2,000	NE			ug/L	123,000		68	U	68	U	68	U	68	U
Antimony	Metals	0.78	6	5.6	640	ug/L	3.5	U	3.5	U	3.5	U	3.5	U	7.47	J
Antimony-Dissolved	Metals	0.78	6	5.6	640	ug/L	3.5	U	3.5	U	3.5	U	7.57	J	3.5	U
Arsenic	Metals	0.05	10	10	10	ug/L	12.4	J	5	U	5	U	12.4	J	9.94	J
Arsenic-Dissolved	Metals	0.05	10	10	10	ug/L	11.9	J	5	U	5	U	5	U	5	U
Barium	Metals	380	2,000			ug/L	14.4		134		134		96.3		267	
Barium-Dissolved	Metals	380	2,000			ug/L	13.8		129		129		45.2		129	
Beryllium	Metals	2.5	4			ug/L	5.69		1	U	1	U	1	U	1	U
Beryllium-Dissolved	Metals	2.5	4			ug/L	5.55		1	U	1	U	1	U	1	U
Cadmium	Metals	0.18	5			ug/L	1	U	1	U	1	U	1.41	J	15.8	
Cadmium-Dissolved	Metals	0.18	5			ug/L	1	U	1	U	1	U	1	U	1	U
Calcium	Metals	NE	NE			ug/L	200,000		64,400		61,600		178,000		269,000	
Calcium-Dissolved	Metals	NE	NE			ug/L	196,000		58,000		59,200		144,000		181,000	
Chromium	Metals	NE	100			ug/L	11.5		52.2		69.8		99.6		266	
Chromium-Dissolved	Metals	NE	100			ug/L	7.42	J	1.8	J	1.47	J	2.94	J	12.9	
Cobalt	Metals	0.60	NE			ug/L	5.86		1.25	J	1.39	J	6.95		3.03	J
Cobalt-Dissolved	Metals	0.60	NE			ug/L	5.87		1	U	1	U	1	U	1	U
Copper	Metals	80	1,300	1,300		ug/L	8.97	J	26.6		30.4		130		135	
Copper-Dissolved	Metals	80	1,300	1,300		ug/L	5.75	J	3	U	3	U	5.14	J	3	U
Iron	Metals	1,400	NE			ug/L	117,000		20,600		23,100		37,700		47,700	
Iron-Dissolved	Metals	1,400	NE			ug/L	110,000		71	J	61.6	J	30	U	30	U
Lead	Metals	10	10			ug/L	10.3	J	9.91	J	14	J	105		704	
Lead-Dissolved	Metals	10	10			ug/L	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
Magnesium	Metals	NE	NE			ug/L	79,900		83,900		83,100		278,000		252,000	
Magnesium-Dissolved	Metals	NE	NE			ug/L	79,000		82,900		84,300		282,000		217,000	
Manganese	Metals	43	NE			ug/L	4,380		1,080		1,090		3,110		5,080	
Manganese-Dissolved	Metals	43	NE			ug/L	4,200		370		372		138		10.1	
Mercury	Metals	0.06	2	0.05	0.051	ug/L	0.067	U	0.067	U	0.067	U	0.188	J	0.201	
Mercury-Dissolved	Metals	0.06	2	0.05	0.051	ug/L	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U
Nickel	Metals	39	NE	610	4,600	ug/L	11.9		17.1		21.3		34.4		20.6	
Nickel-Dissolved	Metals	39	NE	610	4,600	ug/L	10.2		1.5	U	1.5	U	1.5	U	1.5	U
Potassium	Metals	NE				ug/L	20,600		33,600		33,000		85,900		64,800	
Potassium-Dissolved	Metals	NE				ug/L	20,600		33,000		32,900		85,000		60,300	
Selenium	Metals	10	50	170	4,200	ug/L	11	J	9.32	J	8.39	J	17.5	J	17.8	J
Selenium-Dissolved	Metals	10	50	170	4,200	ug/L	16	J	7.66	J	13.3	J	13.4	J	6	U
Silver	Metals	9.4	NE			ug/L	1	U	1	U	1	U	1.28	J	6.61	
Silver-Dissolved	Metals	9.4	NE			ug/L	1	U	1	U	1	U	1	U	1	U
Sodium	Metals	NE	NE			ug/L	345,000		661,000		653,000		2,200,000		1,620,000	
Sodium-Dissolved	Metals	NE	NE			ug/L	349,000		647,000		652,000		2,240,000		1,480,000	
Vanadium	Metals	8.6	NE			ug/L	24.3		6.82		6.5		73.8		178	
Vanadium-Dissolved	Metals	8.6	NE			ug/L	23.3		1	U	1	U	1.59	J	4.64	J
Zinc	Metals	600	NE	7,400	26,000	ug/L	49		98.5		101		603		4,710	
Zinc-Dissolved	Metals	600	NE	7,400	26,000	ug/L	23		9.48	J	9.63	J	16.4	J	30	
Perfluorobutane sulfonic acid (PFBS)	PFAS	600	NE			ng/L	1.87	U	3.5		3.23		5.5		4.03	
Perfluorobutyric acid (PFBA)	PFAS	1,800	NE			ng/L	8.43	U	2.42	U	2.45	U	10.3		2.51	U
Perfluorodecanoic acid (PFDA)	PFAS	0.004	NE			ng/L	2.11	U	0.606	U	0.611	U	12.4		2.92	
Perfluoroheptanoic acid (PFHpA)	PFAS	NE	NE			ng/L	2.11	U	2.02		0.611	U	8.23		2.77	
Perfluorohexane sulfonic acid (PFHxS)	PFAS	39	10			ng/L	8.06		13.8		12.2		4.23		0.574	U
Perfluorohexanoic acid (PFHxA)	PFAS	990	NE			ng/L	2.11	U	2.84		2.5		12.1		3.32	
Perfluorononanoic acid (PFNA)	PFAS	5.9	10			ng/L	2.11	U	0.606	U	0.611	U	7.15		0.628	U
Perfluorooctane sulfonic acid (PFOS)	PFAS	0.2	4			ng/L	27.1		41.9		42.2		35		12.2	
Perfluorooctanoic acid (PFOA)	PFAS	0.0027	4			ng/L	12.1		4.02		2.87		29.2		4.44	
Perfluoropentanoic acid (PFPeA)	PFAS	NE	NE			ng/L	2.11	U	2.45		2.75		16.7		3.58	
Perfluoroundecanoic acid (PFUnA)	PFAS	600	NE			ng/L	2.11	U	0.606	U	0.611	U	8.29		0.628	U
Acenaphthylene	SVOCs	NE	NE			ug/L	0.29	U	0.291	U	0.285	U	0.282	U	0.422	J
Benzo(a)anthracene	SVOCs	0.03	NE	0.0038	0.018	ug/L	0.29	U	0.291	U	0.285	U	0.282	U	0.57	J
Benzo(a)pyrene	SVOCs	0.03	0.2	0.0038	0.018	ug/L	0.29	U	0.291	U	0.285	U	0.282	U	0.736	J
Benzo(b)fluoranthene	SVOCs	0.25	NE	0.0038	0.018	ug/L	0.29	U	0.291	U	0.285	U	0.282	U	1.42	
Benzo(ghi)perylene	SVOCs	NE	NE			ug/L	0.29	U	0.291	U	0.285	U	0.282	U	0.795	J
Benzo(k)fluoranthene	SVOCs	2.5	NE	0.0038	0.018	ug/L	0.29	U	0.291	U	0.285	U	0.282	U	0.422	J
Chrysene	SVOCs	25	NE	0.0038	0.018	ug/L	0.29	U	0.291	U	0.285	U	0.282	U	0.913	J
Fluoranthene	SVOCs	80	NE	130	140	ug/L	0.29	U	0.291	UJ	0.588	J	0.282	U	0.599	J
Indeno(1,2,3-cd)pyrene	SVOCs	0.25	NE	0.0038	0.018	ug/L	0.29	U	0.291	U	0.285	U	0.282	U	0.805	J
Pyrene	SVOCs	12	NE	830	4,000	ug/L	0.29	U	0.291	U	0.408	J	0.282	U	0.982	
Methylene chloride	VOCs	11	5	4.6	590	ug/L	3.38	BJ	3.8	BJ	3.49	BJ	3.3	BJ	3.06	BJ

NOTES:
1 - This table lists analytes detected in one or more pore water samples. See the laboratory analytical reports for the full list of target analytes.
2 - Regional Screening Level (RSL) for Tapwater from USEPA *Regional Screening Level (RSL) Summary Table* (THQ=0.1), November 2024.
3 - MCL = Maximum Contaminant Level for South Carolina Class GB Groundwater.
4 - "NE" indicates RSL or MCL not established for constituent.
5 - "J" data qualifier indicates the reported concentration is approximate. It exceeds the Method Detection Limit (MDL) but is less than the Reporting Limit (RL).
6 - "U" data qualifier indicates constituent was not detected above the indicated method detection limit (MDL).
7 - "Ub" = The sample result is qualitatively suspect because the analyte was detected in a field and/or laboratory blank at a similar level.
8 - "UJ" = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
9 - All results reported in micrograms per liter (µg/L), except hexavalent chromium in milligrams per liter (mg/L), and PFAS constiuents in nanograms per liter (ng/L).
10 - Results highlighted in yellow indicate concentration exceeds Tapwater Regional Screening Level (November 2024 - THQ=0.1 summary tables), for constituents without an established MCL.
11 - Results highlighted in orange indicate concentration exceeds Maximum Contaminant Level (MCL) (November 2024 - THQ=0.1 summary tables).
12 - Results highlighted in green indicate concentration exceeds "Water and Organism" or "Organism Only" screening level.
13 - Samples collected April 8, 2026
14 - Field duplicate samples have -DP suffix in sample number
15 - "NE" = Not established

APPENDIX I

SOIL BORING LOGS

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-05 / SB-01

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/18/2026	COMPLETED:	3/18/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	13.82		
DRILLING METHOD:	HSA / Hand Auger	NORTHING:	561839.04
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2520971.07		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 13.46)	GROUNDWATER LEVEL (24 hr):	6.06

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 1-2 ft BGS	GC		Concrete Slab		
							Sandy Clay with Gravel: Fine Grained Sand, Light Brown, Damp		Bentonite; 2"-diam PVC Casing
			0.0	Soil Sample Collected 4-5 ft BGS	SC		Clayey Sand: Fine Grained Sand, Grayish Brown, Damp	10	
5			37.0		SC		Clayey Sand: Fine Grained Sand, Dark Gray, Moist, Petroleum Odor		
							Clayey Sand: Fine Grained Sand, Greenish Gray, Wet, Petroleum Odor		Sand Pack; Slotted PVC Screen
			5.5		SC			5	
10			0.5		SP		Sand: Fine Grained, Light Brown, Saturated, Petroleum Odor		
			0.1	Borehole Terminated at 13 ft BGS	CL		Sandy Clay: Fine Grained Sand, Dark Gray, Saturated, Petroleum Odor		

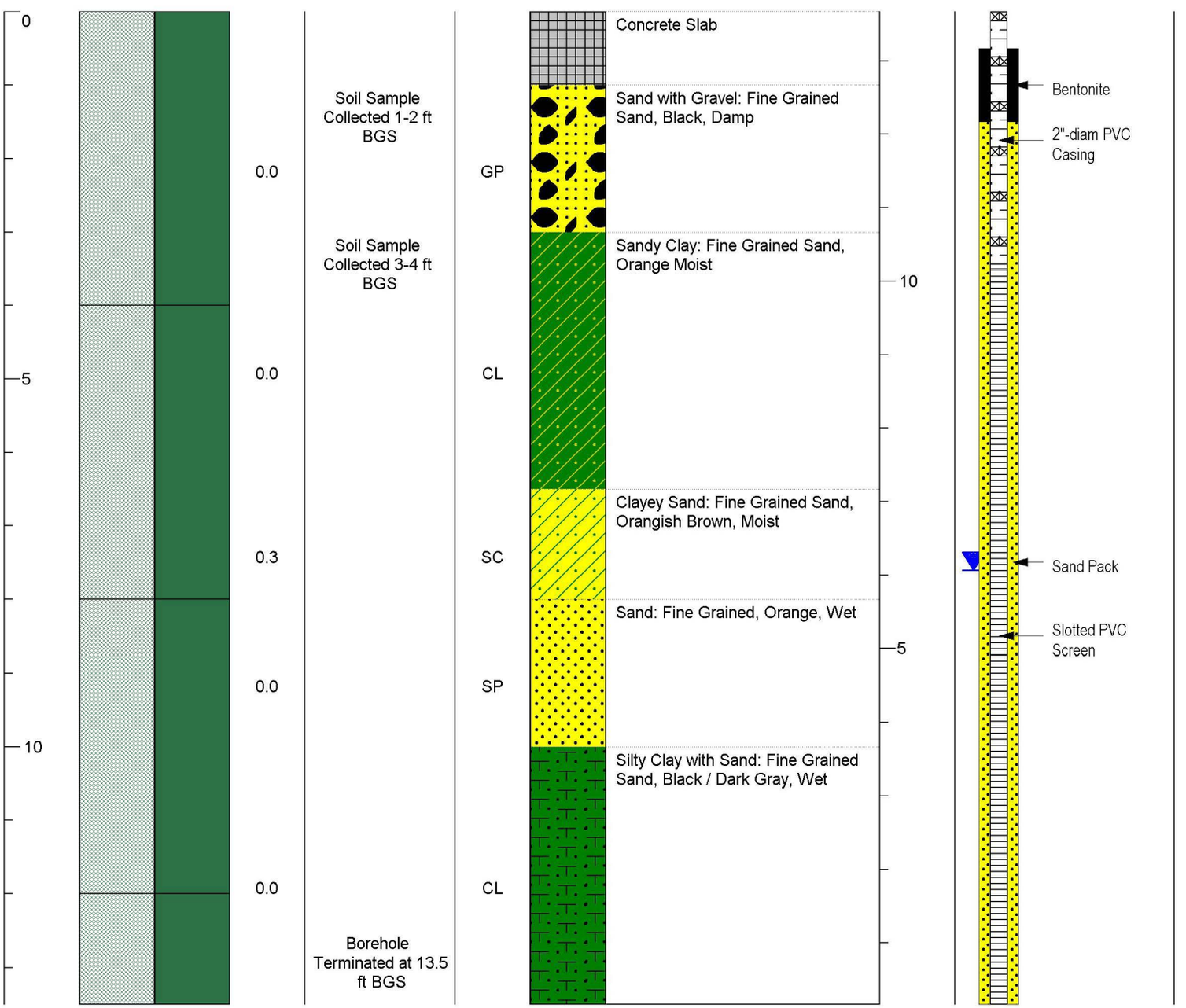
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-04 / SB-02

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/18/2026	COMPLETED: 3/18/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 13.67	
DRILLING METHOD: HSA / Hand Auger		NORTHING: 561920.80	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521155.89	
NOTES: Flush Mount Surface Completion (TOC Elevation: 13.44)		GROUNDWATER LEVEL (24 hr): 7.61	



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-03

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/13/2026 COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 2"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: DPT	NORTHING: 561,885.32
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,521,165.54
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			4.3	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Dark Brown, Damp, 12 Inch Concrete Slab at Surface	0	
							Brick		
				Soil Sample Collected 2-3 ft BGS			Clayey Sand: Fine Grained Sand, Grayish Brown, Damp		
			24.0	Borehole Terminated at 3 ft BGS	SC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-04

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/10/2026 COMPLETED: 3/10/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA / Hand Auger	NORTHING: 563,044.3820
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,521,429.6299
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.9	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Light Brown, Damp	0	
			0.0		GW		Gravely Sand: Well Graded Sand, Black, Damp		
				Soil Sample Collected 2-3 ft BGS			Sand: Fine Grained Sand, Dark Gray, Moist		
			0.0	Borehole Terminated at 3 ft BGS	SP				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-10 / SB-05

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/13/2026	COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 2.25	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 12.18	
DRILLING METHOD: DPT		NORTHING: 562818.28	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521276.09	
NOTES: Temporary Well (TOC Elevation:14.26)		GROUNDWATER LEVEL (24 hr): 8.12	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			11.6	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Gray, Damp		Bentonite
			95.1		SP		Sand: Fine Grained, Gray, Damp		1"-diam PVC Casing
			19.1	Soil Sample Collected 2-3 ft BGS	CL		Sandy Clay: Fine Grained Sand, Brown, Moist	10	
5				No Soil Cores 3-12 ft BGS - Well Installed with 2.25" Drive Rods and Expendable Point				5	Sand Pack Slotted PVC Screen
10				Borehole Terminated 12 ft BGS					

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-06

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/10/2026	COMPLETED: 3/10/2026	BOREHOLE DIAMETER: 2"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: DPT		NORTHING: 562,764.0555	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,237.2475	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			25.4	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Ligth Brown, Damp	0	
			10.2		SP		Sand: Fine Grained, Ligth Brown, Damp		
			19.6		SP		Sand: Fine Grained, Ligth Brown, Damp		
				Soil Sample Collected 3-4 ft BGS			Clayey Sand: Fine Grained Sand, Light Brown, Moist		
			70.0	Borehole Terminated at 4 ft BGS	SC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-07 / SB-07

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/11/2026	COMPLETED: 3/11/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 8.81	
DRILLING METHOD: HSA, Hand Auger		NORTHING: 563513.63	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521945.28	
NOTES: Temporary Well (TOC Elevation:10.64)		GROUNDWATER LEVEL (24 hr): 8.10	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			20.9	Soil Sample Collected 0-1 ft BGS	SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp		Bentonite
			6.5		SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp, Brick		1"-diam PVC Casing
			3.9	Soil Sample Collected 2-3 ft BGS	SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp, Brick		
			1.8		SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp	5	
5			0.7		ML		Sandy Silt: Fine to Medium Grained Sand, Dark Brown, Wet	0	Sand Pack
									Slotted PVC Screen
10			0.3	Borehole Terminated 12 ft BGS	SM		Silty Sand: Fine Grained Sand, Light Gray, Wet		

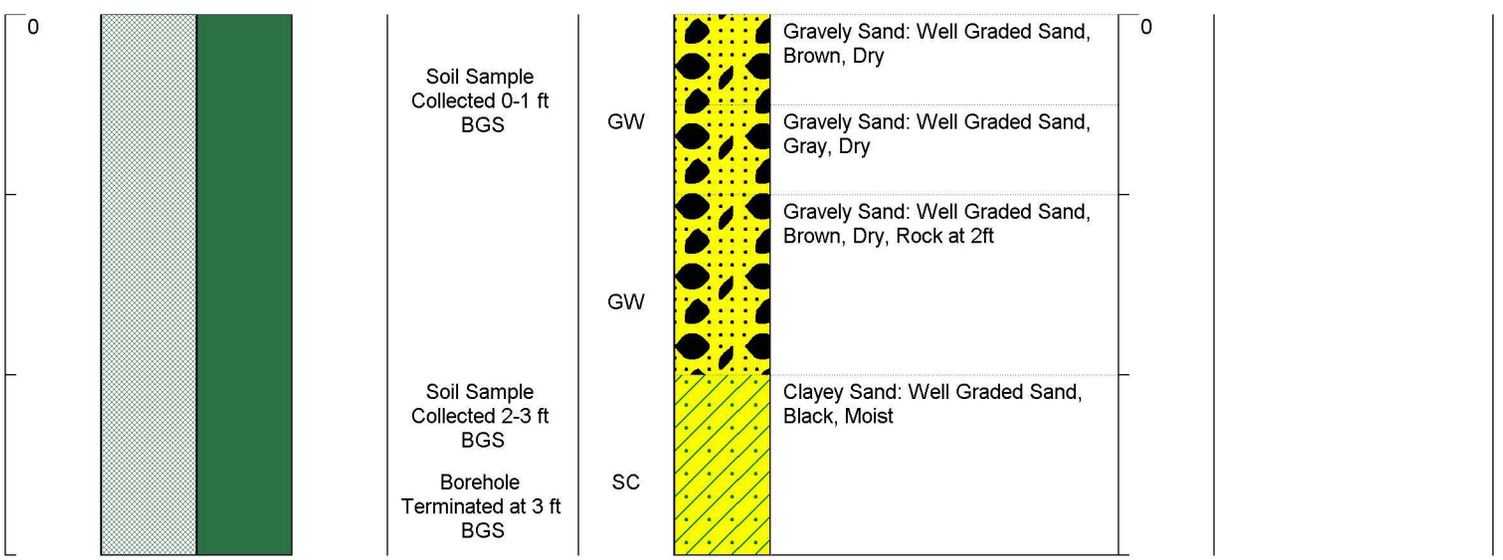
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-08

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/09/2026	COMPLETED: 3/09/2026	BOREHOLE DIAMETER: 2"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: DPT		NORTHING: 563,532.8335	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,867.5261	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-09

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/10/2026	COMPLETED: 3/10/2026	BOREHOLE DIAMETER: 2"	
DRILLER: Isaac Mclintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: Roto Sonic		NORTHING: 563,418.19	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,882.89	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab	0	
			0.0	Soil Sample Collected 1-2 ft BGS	SC		Clayey Sand: Fine Grained Sand, Dark Gray, Damp		
			0.0		SP		Sand: Fine Grained, Grayish Brown, Damp		
				Soil Sample Collected 3-4 ft BGS					
			0.0	Borehole Terminated at 4 ft BGS	SP		Sand: Fine Grained, Grayish Brown, Damp		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-10

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 6/2/2026	COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 6"	
DRILLER: Isaac McClintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: Roto Sonic		NORTHING: 563,316.4946	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,713.2904	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab	0	
			0.0	Soil Sample Collected 2-3 ft BGS	GW		Gravely Sand: Medium to Coarse Grained Sand, Dark Gray, Damp		
			0.0		SP		Sand: Fine Grained, Grayish Brown, Damp		
			0.0	Soil Sample Collected 4-5 ft BGS Borehole Terminated at 5 ft BGS	SP		Sand: Fine Grained, Grayish Brown, Damp		
5								-5	

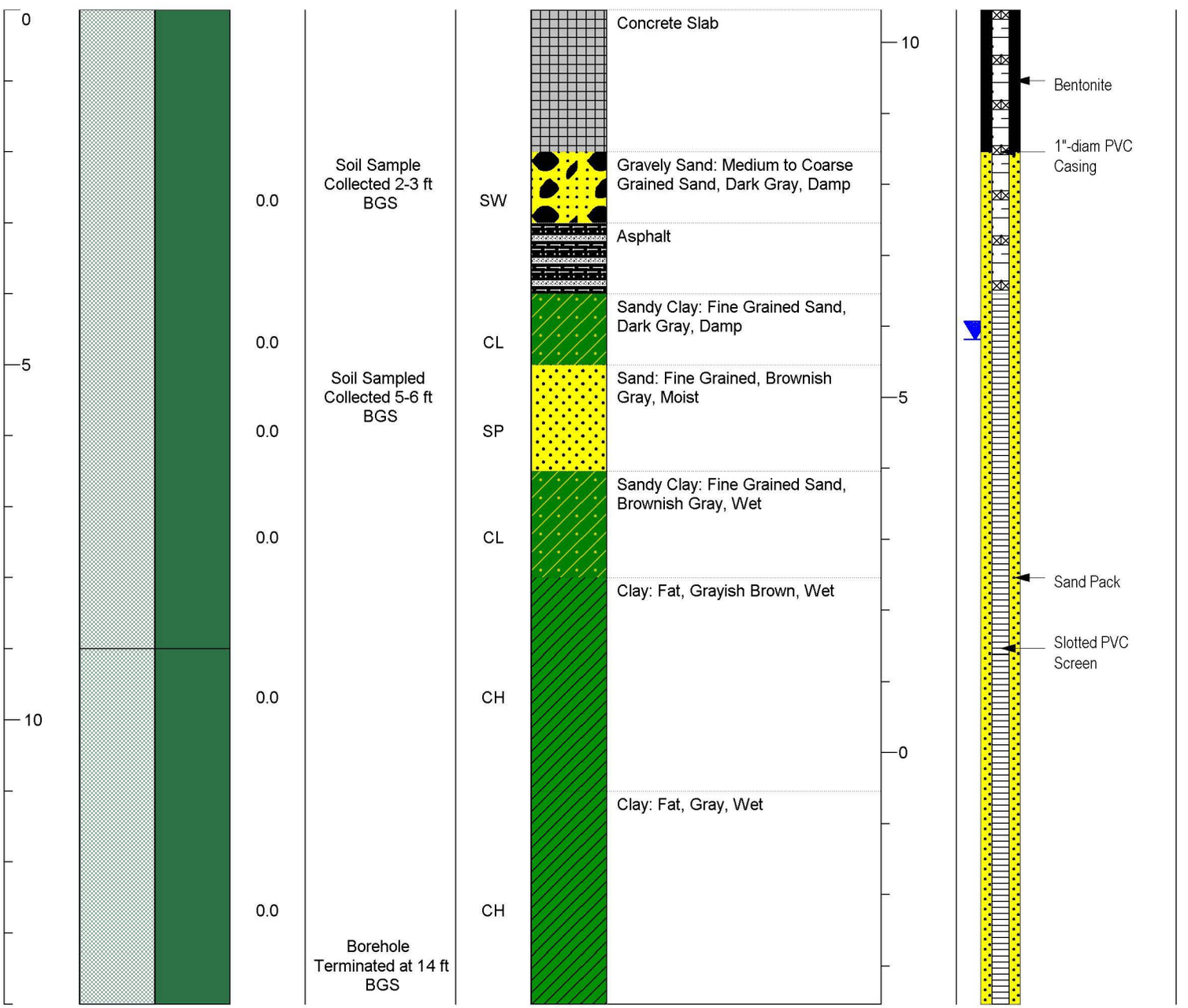
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-08 / SB-11

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 6/2/2026	COMPLETED: 6/22026	BOREHOLE DIAMETER: 8"	
DRILLER: Isaac McClintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: 10.46	
DRILLING METHOD: Roto Sonic		NORTHING: 563308.74	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521732.87	
NOTES: Temporary Well (TOC Elevation: 11.07)		GROUNDWATER LEVEL (24 hr): 4.64	



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-12

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 6/2/2026	COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 6"	
DRILLER: Isaac McClintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: Roto Sonic		NORTHING: 563,104.1194	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,735.0529	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Rubble	0	
							Concrete Slab		
			0.0	Soil Sample Collected 4-5 ft BGS	SW		Sand: Medium to Coarse Grained, Tan, Moist		
5								-5	
			0.0		SW		Sand: Medium to Coarse Grained, Tan, Moist		
				Soil Sample Collected 6-7 ft BGS			Silty Sand: Fine Grained Sand, Grayish Brown, Moist		
			0.0	Borehole Terminated at 7 ft BGS	SM				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-13

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 6/2/2026	COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 6"	
DRILLER: Isaac McClintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: Roto Sonic		NORTHING: 563,111.9520	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,657.3134	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Rubble	0	
							Concrete Slab		
			30.5	Soil Sample Collected 3-4 ft BGS	SW		Sand: Fine Grained, Brown, Damp		
			36.2		SW		Sand: Fine Grained, Brown, Damp		
5				Soil Sample Collected 5-6 ft BGS			Sandy Clay: Fine Grained Sand, Grayish Brown, Moist	-5	
			53.3	Borehole Terminated at 6 ft BGS	SC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-14 / SB-14

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/18/2026	COMPLETED: 3/18/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 12.67	
DRILLING METHOD: HSA / Hand Auger		NORTHING: 561891.45	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521272.42	
NOTES: Flush Mount Surface Completion (TOC Elevation: 12.37)		GROUNDWATER LEVEL (24 hr): 10.47	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab		
			0.0	Soil Sample Collected 0.5-1 ft BGS	GW		Sand: Fine to Medium Grained, Light Brown, Dry		Bentonite; 2"-diam PVC Casing
				Soil Sample Collected 2-3 ft BGS			Sand: Fine to Medium Grained, Light Brown, Damp	10	
			0.0		GW				
5							Sand: Fine to Medium Grained, Light Brown, Moist		
			0.4		GW			5	Sand Pack; Slotted PVC Screen
							Sand: Fine to Medium Grained, Brown, Moist		
10			0.3		GW				
							Sand: Fine to Medium Grained, Gray, Wet		
			0.4	Borehole Terminated at 13 ft BGS	GW			0	

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-15

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/17/2026	COMPLETED: 3/17/2026	BOREHOLE DIAMETER: 2"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: DPT		NORTHING: 561,751.0623	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,358.2890	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	SW		Sand: Fine to Medium Grained, Grayish Brown, Damp	0	
			0.0		SW		Sand: Fine to Medium Grained, Grayish Brown, Damp		
			0.0		SW		Sand: Fine to Medium Grained, Grayish Brown, Damp		
			0.0	Soil Sample Collected 3-4 ft BGS	SW		Sand: Fine to Medium Grained, Grayish Brown, Moist		
			0.0	Borehole Terminated at 4 ft BGS					

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-02 / SB-16

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/13/2026	COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 2.25	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 11.30	
DRILLING METHOD: DPT		NORTHING: 562672.96	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521203.12	
NOTES: Temporary Well (TOC Elevation:12.68)		GROUNDWATER LEVEL (24 hr): 7.34	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Brown, Damp		Bentonite; 1"-diam PVC Casing
			0.0		SP		Sand: Fine Grained, Orangish Brown, Damp	10	
			0.0	Soil Sample Collected 2-3 ft BGS	SP		Sand: Fine Grained, Orangish Brown, Damp		
5				No Soil Cores 3-12 ft BGS - Well Installed with 2.25" Drive Rods and Expendable Point				5	Sand Pack; Slotted PVC Screen
10				Borehole Terminated 12 ft BGS				0	

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

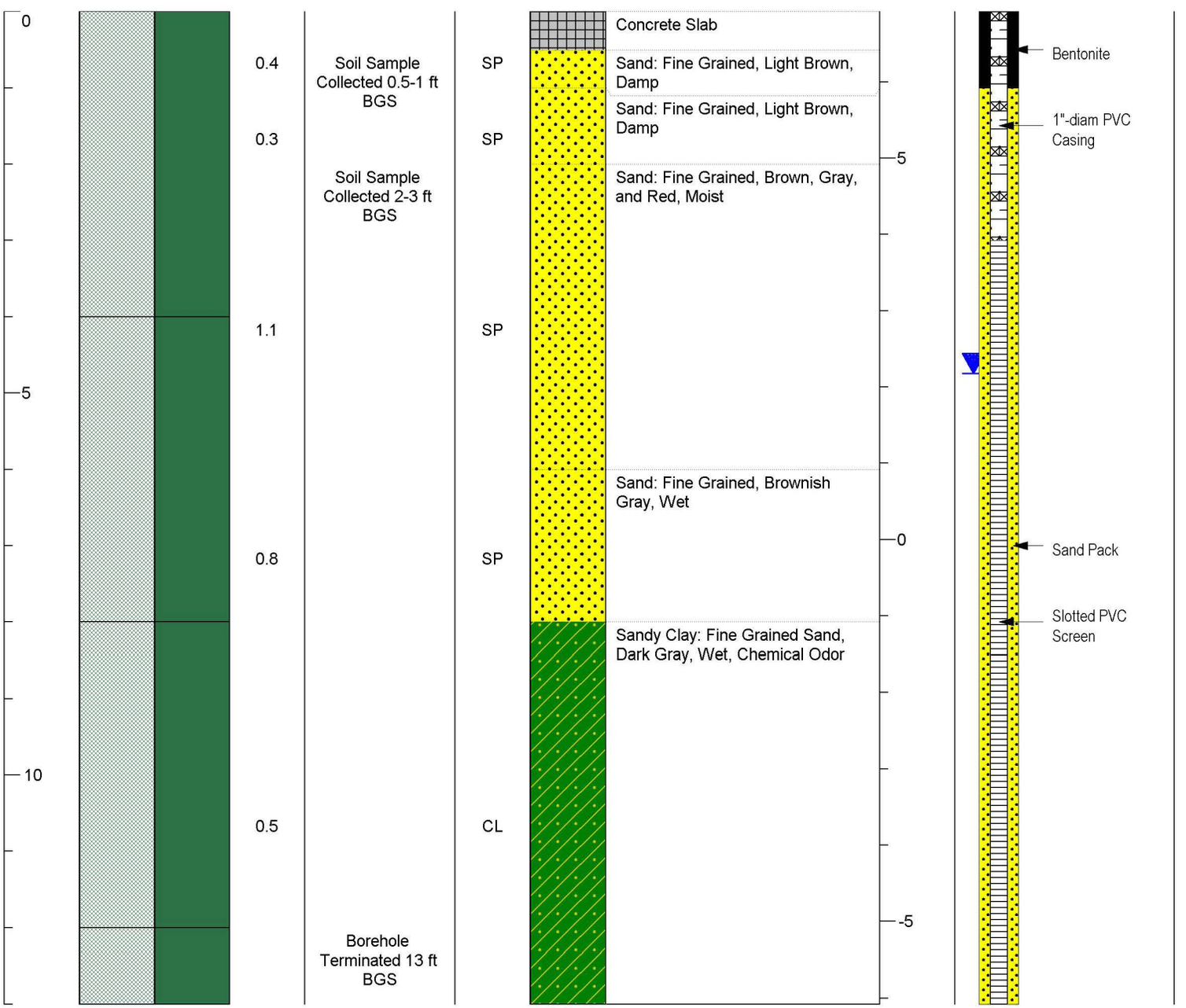
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-11 / SB-17

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/23/2026	COMPLETED:	3/23/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	8.81		
DRILLING METHOD:	HSA, Hand Auger	NORTHING:	562728.55
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521488.55		
NOTES:	Temporary Well (TOC Elevation:8.96)	GROUNDWATER LEVEL (24 hr):	6.92

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.4	Soil Sample Collected 0.5-1 ft BGS	SP		Concrete Slab		Bentonite
							Sand: Fine Grained, Light Brown, Damp		
			0.3		SP		Sand: Fine Grained, Light Brown, Damp		1"-diam PVC Casing
				Soil Sample Collected 2-3 ft BGS				5	
							Sand: Fine Grained, Brown, Gray, and Red, Moist		
5			1.1		SP				
							Sand: Fine Grained, Brownish Gray, Wet	0	Sand Pack
			0.8		SP				Slotted PVC Screen
							Sandy Clay: Fine Grained Sand, Dark Gray, Wet, Chemical Odor		
10			0.5		CL				
				Borehole Terminated 13 ft BGS				-5	



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-18

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/23/2026 COMPLETED: 3/23/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA / Hand Auger	NORTHING: 562,869.3077
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,521,636.2417
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr):

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab	0	
			1.6	Soil Sample Collected 1-2 ft BGS	SC		Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Damp		
							Wood		
				Soil Sample Collected 3-4 ft BGS			Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Moist		
			5.0	Borehole Terminated at 4 ft BGS	SC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-19

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/23/2026 COMPLETED: 3/23/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA / Hand Auger	NORTHING: 562,516.86
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,521,372.25
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab	0	
			1.9	Soil Sample Collected 1-2 ft BGS	SC		Sand with Clay: Fine to Medium Grained Sand, Gray, Damp		
			2.0		SC		Sand with Clay: Fine to Medium Grained Sand, Dark Gray, Damp		
				Soil Sample Collected 3-4 ft BGS			Clayey Sand: Fine Grained Sand, Dark Gray, Moist		
			0.1	Borehole Terminated at 4 ft BGS	SC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-12 / SB-20

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/17/2026	COMPLETED: 3/17/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 9.82	
DRILLING METHOD: DPT / HSA		NORTHING: 562360.63	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521242.63	
NOTES: Temporary Well (TOC Elevation:11.61)		GROUNDWATER LEVEL (24 hr): 6.13	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Light Brown, Damp		Bentonite; 1"-diam PVC Casing
			0.0		SP		Sand: Fine Grained, Light Brown, Damp		
			0.0		SP		Sand: Fine Grained, Light Brown, Damp		
			0.0	Soil Sample Collected 3-4 ft BGS	SC		Clayey Sand: Fine Grained Sand, Dark Gray, Moist		
5				No Soil Cores 4-12 ft BGS - Well Installed with 2.25" Drive Rods and Expendable Point				5	Sand Pack; Slotted PVC Screen
10				Borehole Terminated 12 ft BGS				0	

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-21

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/23/2026	COMPLETED: 3/23/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: HSA / Hand Auger		NORTHING: 562,157.61	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,521,175.52	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab	0	
			0.3	Soil Sample Collected 1-2 ft BGS	GC		Gravely Clayey Sand: Medium to Coarse Grained Sand, Dark Brown, Damp		
			0.1		SM		Silty Sand: Fine Grained Sand, Dark Brown, Damp		
				Soil Sample Collected 3-4 ft BGS			Sand: Fine Grained, Light Brown, Damp		
			1.2	Borehole Terminated at 4 ft BGS	SP				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-22

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/13/2026 COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA / Hand Auger	NORTHING: 562,099.16
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,520,861.89
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.1	Soil Sample Collected 0-1 ft BGS	GW		Sandy Gravel: Well Graded Sand, Light Brown, Damp	0	
			0.0		GC		Gravely Sandy Clay: Medium to Coarse Grained Sand, Light brown, Damp		
				Soil Sample Collected 2-3 ft BGS			Gravely Sandy Clay: Medium to Coarse Grained Sand, Light brown, Damp		
			0.1	Borehole Terminated at 3 ft BGS	GC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-23

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/13/2026 COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA / Hand Auger	NORTHING:
LOGGED BY: Bastian APPROVED BY: Putney	EASTING:
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.1	Soil Sample Collected 0-1 ft BGS	GW		Sandy Gravel: Well Graded Sand, Light Brown, Damp	0	
			0.0		GC		Gravely Sandy Clay: Medium to Coarse Grained Sand, Light brown, Damp		
				Soil Sample Collected 2-3 ft BGS			Gravely Sandy Clay: Medium to Coarse Grained Sand, Light brown, Damp		
			0.1	Borehole Terminated at 3 ft BGS	GC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-24

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/13/2026	COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 2"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: DPT		NORTHING: 561,879.1042	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,520,883.5383	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			2.5	Soil Sample Collected 0-1 ft BGS	SW		Sand: Well Graded, Black, Dry	0	
			2.5		SW		Sand: Well Graded, Black, Dry		
				Soil Sample Collected 2-3 ft BGS			Sand with Clay: Well Graded Sand, Black, Damp		
			5.3	Borehole Terminated at 3 ft BGS	SC				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-24 / SB-25

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/17/2026	COMPLETED:	3/19/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	14.30		
DRILLING METHOD:	HSA, Hand Auger		
NORTHING:	561721.86		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2520869.26		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 14.02)		
GROUNDWATER LEVEL (24 hr):	5.95		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.6	Soil Sample Collected 2.5-3 ft BGS	GP		Asphalt		Bentonite
							Sandy Gravel: Medium Grained Sand, Dark Brown, Damp		2"-diam PVC Casing
							Asphalt		
			0.8	Soil Sample Collected 4-4.5 ft BGS	SC		Clayey Sand: Fine to Medium Grained Sand, Light Brown, Damp	10	
5									
			0.1		SC		Clayey Sand: Fine Grained Sand, Grayish Brown, Moist		Sand Pack
			0.1		CL		Sandy Clay: Fine Grained Sand, Grayish Brown, Wet		Slotted PVC Screen
							Sandy Clay: Fine Grained Sand, Gray, Wet	5	
10			0.0	Borehole Terminated 12 ft BGS	CL				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-26

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/23/2026	COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Gardner / McClintock	CERT. NO.: 1837 / 2447	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: HSA, Hand Auger, Sonic (2-3.5)		NORTHING: 561,839.2787	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,520,809.7278	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab	0	
			0.2	Soil Sample Collected 1-2 ft BGS	GC		Gravely Clay: Dark Gray, Moist		
			0.0	Soil Sample Collected 3-3.5 ft BGS			Asphalt		
			0.0	Borehole Terminated at 3.5 ft BGS	GC		Gravely Clay: Dark Gray, Moist		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

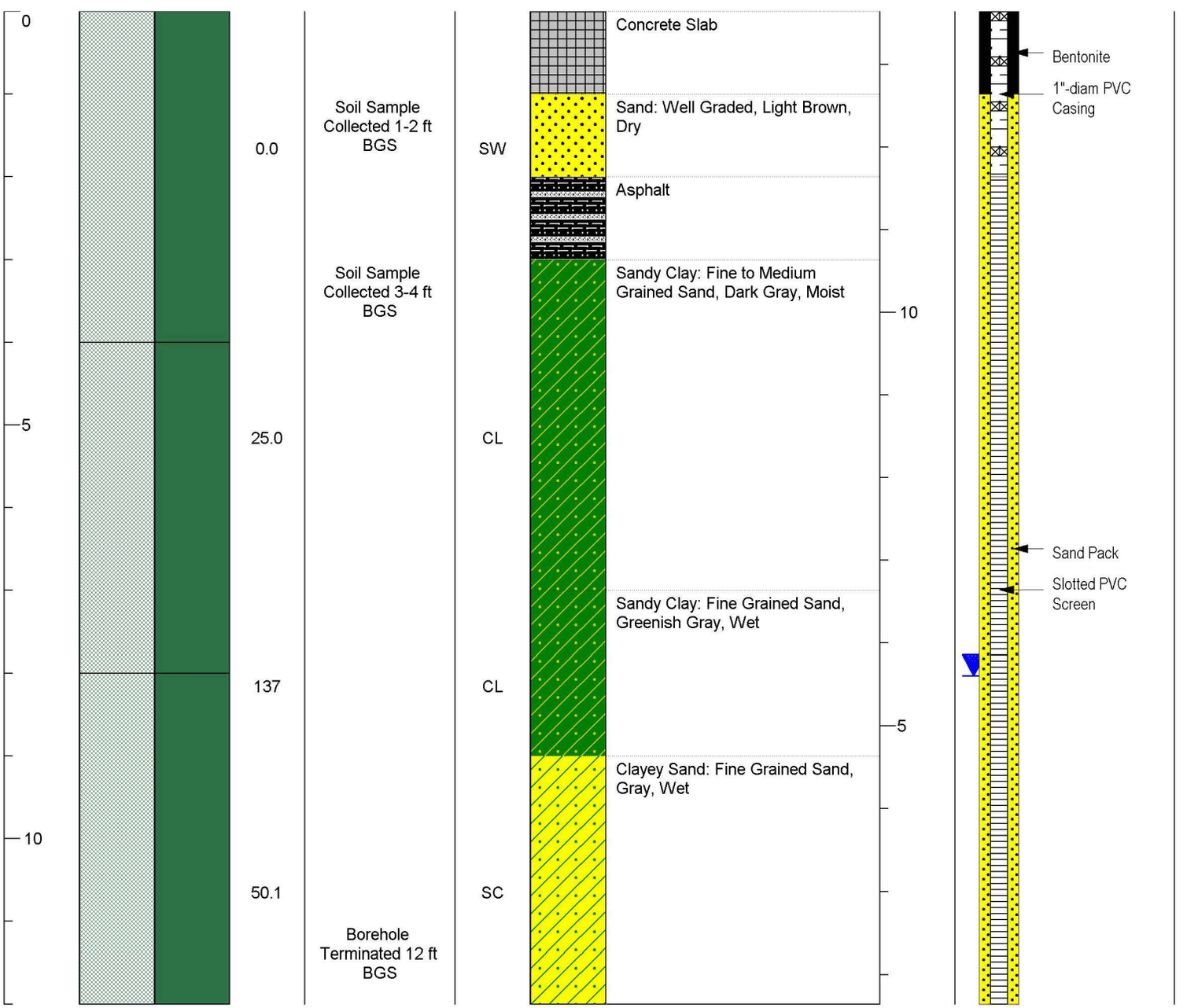
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-15 / SB-27

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/24/2026	COMPLETED:	3/24/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	13.64		
DRILLING METHOD:	HSA, Hand Auger	NORTHING:	561447.61
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2520583.03		
NOTES:	Temporary Well (TOC Elevation:16.22)	GROUNDWATER LEVEL (24 hr):	8.03

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 1-2 ft BGS	SW		Concrete Slab		Bentonite
							Sand: Well Graded, Light Brown, Dry		1"-diam PVC Casing
							Asphalt		
				Soil Sample Collected 3-4 ft BGS			Sandy Clay: Fine to Medium Grained Sand, Dark Gray, Moist	10	
5			25.0		CL				Sand Pack
							Sandy Clay: Fine Grained Sand, Greenish Gray, Wet		Slotted PVC Screen
			137		CL			5	
							Clayey Sand: Fine Grained Sand, Gray, Wet		
10			50.1	Borehole Terminated 12 ft BGS	SC				



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-28

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 6/2/2026	COMPLETED: 3/23/2026
BOREHOLE DIAMETER: 2"	
DRILLER: Gardner	CERT. NO.: 1837
GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: Hand Auger	NORTHING: 562,073.33
LOGGED BY: Bastian	APPROVED BY: Putney
EASTING: 2,521,441.88	
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.7	Soil Sample Collected 0-1 ft BGS	GM		Gravely Silty Sand: Fine Grained Sand, Dark Brown, Dry	0	
			0.3		GM		Gravely Silty Sand: Fine Grained Sand, Dark Brown, Dry		
				Soil Sample Collected 2-3 ft BGS			Gravely Silty Sand: Fine Grained Sand, Dark Brown, Dry		
			0.0	Borehole Terminated at 3 ft BGS	GM				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-26 / SB-29

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/27/2026	COMPLETED: 3/27/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 19.12	
DRILLING METHOD: HSA, Hand Auger		NORTHING: 562454.74	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2520549.29	
NOTES: Flush Mount Surface Completion (TOC Elevation: 18.78)		GROUNDWATER LEVEL (24 hr): 8.81	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Asphalt		Bentonite
			1.5	Soil Sample Collected 1.5-2 ft BGS	SM-SC		Silty Sand with Clay: Fine Grained Sand, Black, Dry		2"-diam PVC Casing
			1.2		SC		Clayey Sand: Fine Grained Sand, Light Brown, Damp		
				Soil Sample Collected 3-4 ft BGS			Sandy Clay: Fine Grained Sand, Light Brown, Damp		
			1.5		CL			15	
5							Sandy Clay: Fine Grained Sand, Orangish Brown, Moist		
			2.2		CL				Sand Pack
							Clayey Sand: Fine Grained Sand, Tan, Moist		Slotted PVC Screen
			1.8		SC			10	
10							Sand: Fine Grained, Grayish Brown, Wet		
			1.7		SP				
				Borehole Terminated 13.5 ft BGS					

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-18 / SB-30

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	5/28/2026	COMPLETED:	5/29/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Isaac McClintock	CERT. NO.:	2447
GROUND SURFACE ELEVATION:	8.42		
DRILLING METHOD:	Roto Sonic		
NORTHING:	562886.63		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2522375.25		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 8.18)		
GROUNDWATER LEVEL (24 hr):	7.02		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab		
			0.0	Soil Sample Collected 2-3 ft BGS	SM		Sand with Silt: Fine Grained Sand, Grayish Brown, Damp		
							Silty Sand: Fine Grained Sand, Grayish Brown, Moist	5	Bentonite; 2"-diam PVC Casing
5			0.0	Soil Sample Collected 5-6 ft BGS	SM				
			0.0		SM		Silty Sand: Fine Grained Sand, Grayish Brown, Wet	0	
							Sandy Clay: Fine Grained Sand, Light Gray & Orangish Brown Mottled, Moist		Sand Pack; Slotted PVC Screen
10			0.0		CL				
							Sand with Silt: Fine to Medium Grained Sand, Brownish Gray, Wet	-5	
15			0.0	Borehole Terminated at 17 ft BGS	SM				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-31

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/9/2026 COMPLETED: 3/9/2026	BOREHOLE DIAMETER: 8"
DRILLER: Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA, Hand Auger	NORTHING: 562,946.1853
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,522,145.9291
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Black, Dry, DRI Pellets	0	
							Concrete Slab		
				Soil Sample Collected 2-3 ft BGS			Gravely Sand: Fine Grained Sand, Purple & Light Brown, Wet, Slag		
			2.0	Borehole Terminated at 3 ft BGS	GP				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-32

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/9/2026	COMPLETED: 3/9/2026	BOREHOLE DIAMETER: 2"	
DRILLER: Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: DPT		NORTHING: 563,182.1637	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,522,265.1968	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GW		Gravely Sand: Well Graded Sand, Black, Damp	0	
			0.0		GW		Gravely Sand: Well Graded Sand, Black, Damp		
			0.0	Soil Sample Collected 2-3 ft BGS Borehole Terminated at 3 ft BGS	SP		Sand: Fine Grained, Light Brown / Gray, Moist		

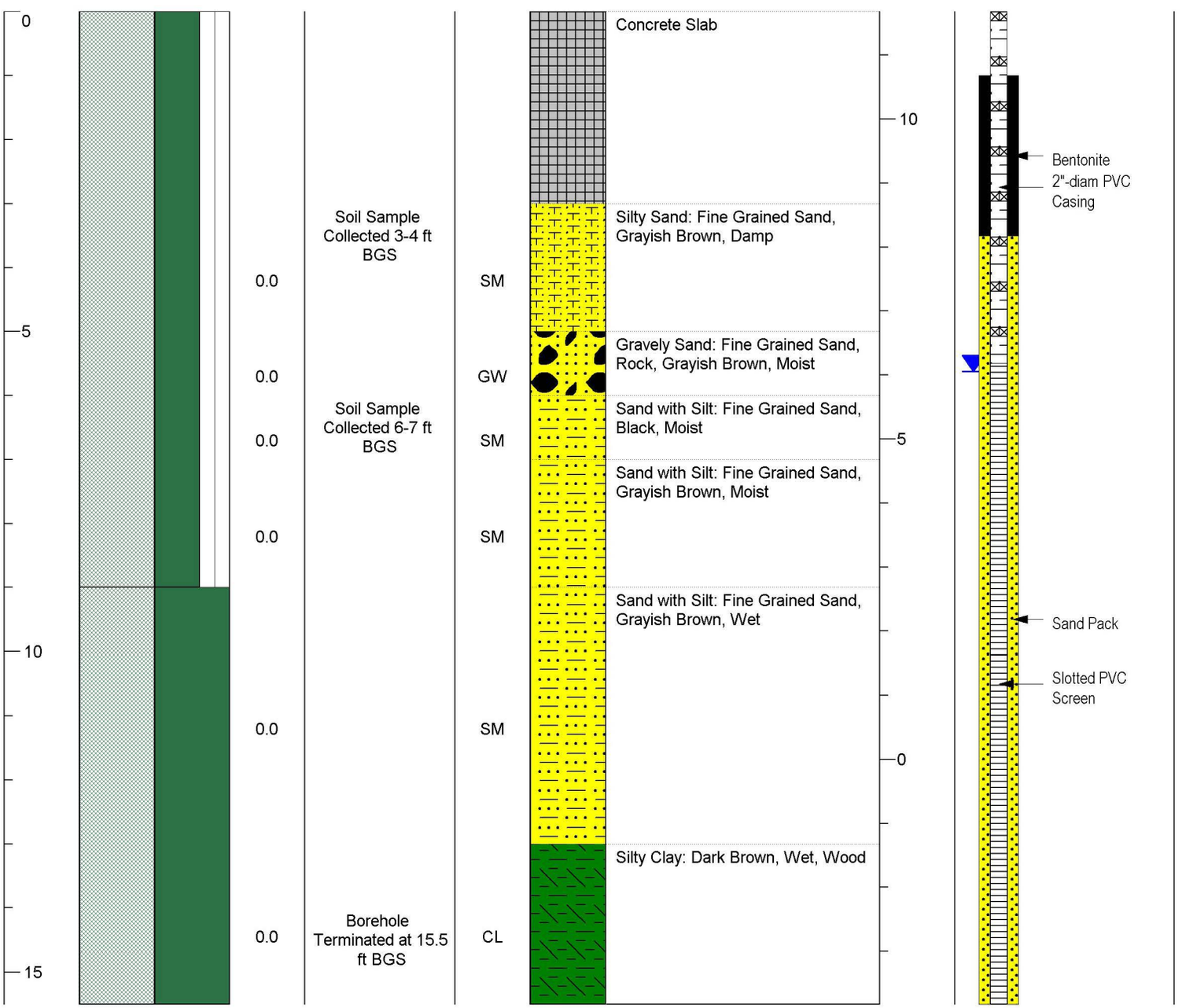
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-19 / SB-33

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	5/29/2026	COMPLETED:	6/2/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Isaac McClintock	CERT. NO.:	2447
GROUND SURFACE ELEVATION:	11.68		
DRILLING METHOD:	Roto Sonic		
NORTHING:	563199.64		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2522081.93		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 11.41)		
GROUNDWATER LEVEL (24 hr):	5.62		



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-34

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/23/2026	COMPLETED:	6/2/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Gardner / McClintock	CERT. NO.:	1837 / 2447
GROUND SURFACE ELEVATION:	Not Surveyed		
DRILLING METHOD:	HSA, Hand Auger, Sonic (1-2.5)		
NORTHING:	562,871.0536		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2,521,784.3059		
NOTES:	Soil Sample Only		
GROUNDWATER LEVEL (24 hr):	N/A		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GW		Gravely Sand: Well Graded Sand, Dark Brown, Dry	0	
							Brick		
				Soil Sample Collected 2-2.5 ft BGS					
			0.0	Borehole Terminated at 2.5 ft BGS	GW		Gravely Sand: Well Graded Sand, Dark Brown, Moist		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-35

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/23/2026 COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 8"
DRILLER: Gardner / McClintock CERT. NO.: 1837 / 2447	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA, Hand Auger, Sonic (2-3)	NORTHING: 562,589.4502
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,521,605.4086
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GW		Gravely Sand: Well Graded Sand, Black, Dry, DRI Pellets	0	
			0.0		GW		Gravely Sand: Well Graded Sand, Black, Dry, DRI Pellets		
				Soil Sample Collected 2.5-3 ft BGS			Metal		
			0.0	Borehole Terminated at 3 ft BGS	GW		Gravely Sand: Medium to Coarse Grained, Dark Brown, Moist		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

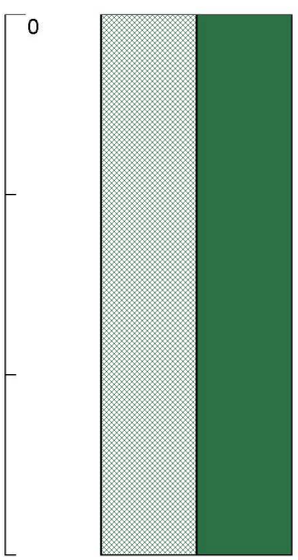
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-36

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 6/2/2026 COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 8"
DRILLER: Isaac McClintock CERT. NO.: 2447	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: Roto Sonic (2-3)	NORTHING: 562,235.6168
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,521,389.6075
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-0.5 ft BGS	GP		Sandy Gravel: Coarse Grained Sand, Dark Brown, Damp	0	
							Concrete Slab		
				Soil Sample Collected 2-3 ft BGS			Sandy Gravel: Coarse Grained Sand, Dark Brown, Moist		
			0.0	Borehole Terminated at 3 ft BGS	GP				



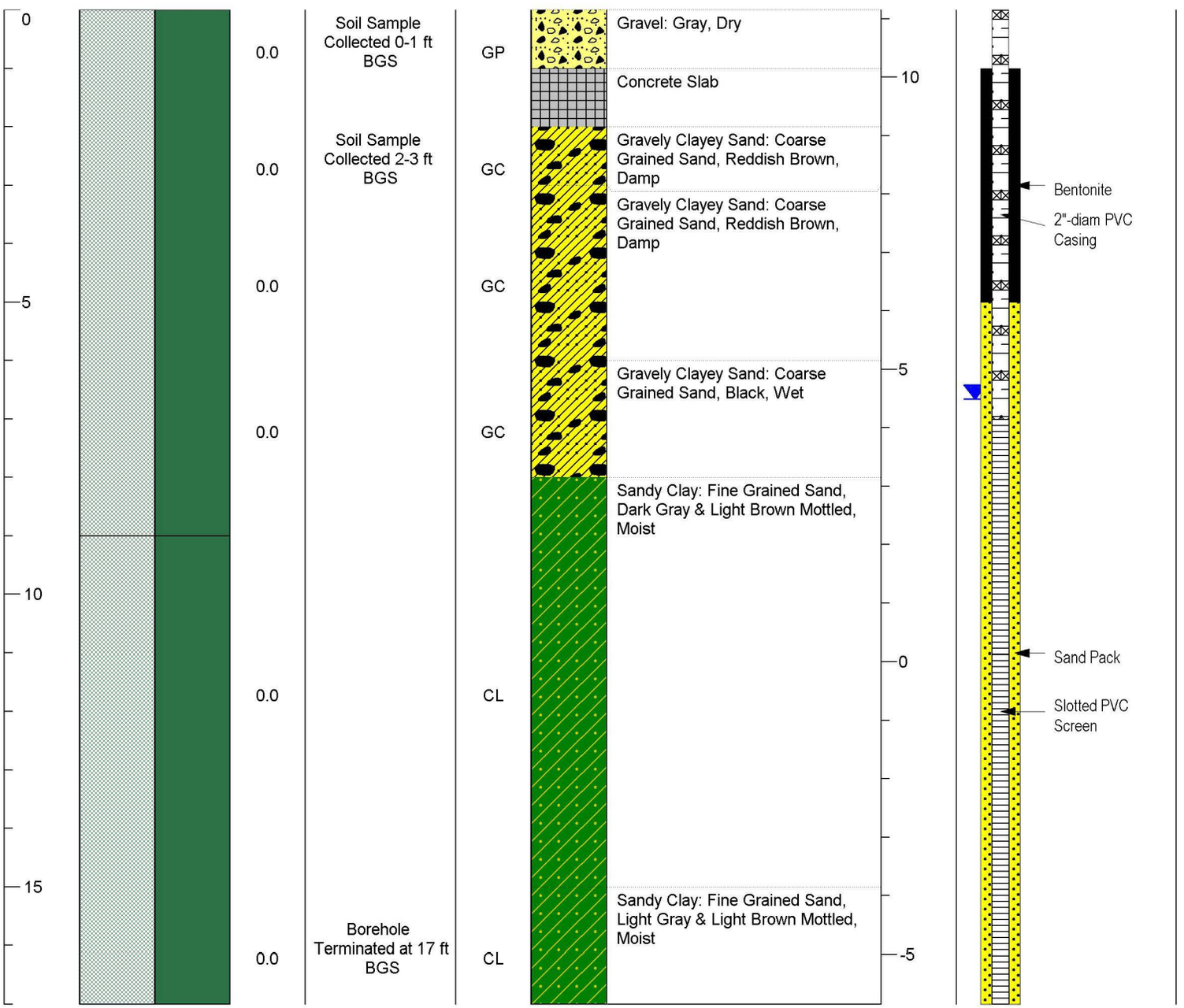
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-17 / SB-37

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	5/27/2026	COMPLETED:	5/27/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Josh Holt	CERT. NO.:	2325
GROUND SURFACE ELEVATION:	11.15		
DRILLING METHOD:	Roto Sonic		
NORTHING:	562711.91		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521816.57		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 10.90)		
GROUNDWATER LEVEL (24 hr):	6.67		



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-20 / SB-38

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 5/26/2026	COMPLETED: 5/27/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Josh Holt	CERT. NO.: 2325	GROUND SURFACE ELEVATION: 10.33	
DRILLING METHOD: Roto Sonic		NORTHING: 562380.63	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521566.05	
NOTES: Flush Mount Surface Completion (TOC Elevation: 10.06)		GROUNDWATER LEVEL (24 hr): 7.12	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GP		Gravel: Gray, Dry	10	
							Concrete Slab		Bentonite
5			2.0	Soil Sample Collected 4-5 ft BGS	GC		Clayey Gravel: Reddish Brown, Damp	5	2"-diam PVC Casing
			6.2		GM		Silty Gravel: Gray, Dry		
10			0.0		SC		Clayey Sand: Fine Grained Sand, Dark Gray, Moist	0	
			0.0		GP		Gravel and Wood: Dark Gray, Wet		Sand Pack
			0.0		CL		Silty Sandy Clay: Fine Grained Sand, Dark Gray, Wet		Slotted PVC Screen
15			0.0		SM		Silty Sand: Fine Grained Sand, Dark Gray, Wet, Wood	-5	
			0.0	Borehole Terminated at 17.5 ft BGS	CH		Clay: Fat, Dark Gray, Wet, Wood		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-39

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/13/2026 COMPLETED: 3/23/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: DPT, HSA, Hand Auger	NORTHING: 561,901.00
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,521,300.97
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GW		Gravely Sand: Well Graded Sand, Tan, Damp	0	
			0.0		GW		Gravely Sand: Well Graded Sand, Tan, Damp		
				Soil Sample Collected 2-3 ft BGS			Gravely Sand: Well Graded Sand, Dark Brown, Damp		
			0.0	Borehole Terminated at 3 ft BGS	GW				

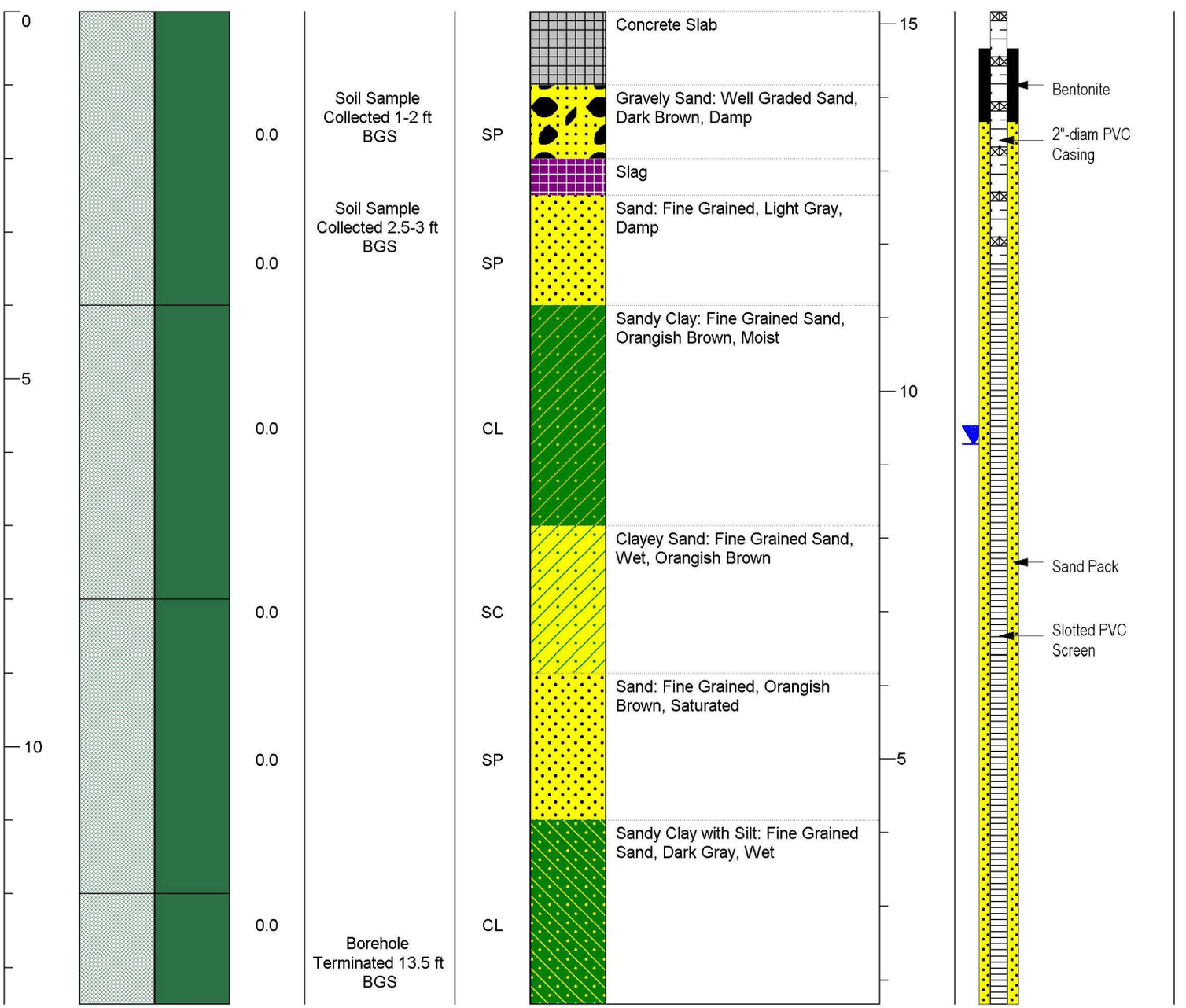
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-25 / SB-40

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/18/2026	COMPLETED: 3/19/2026	BOREHOLE DIAMETER: 8"
DRILLER:	Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 15.17
DRILLING METHOD:	DPT, HSA		NORTHING: 561957.20
LOGGED BY:	Bastian	APPROVED BY: Putney	EASTING: 2520771.00
NOTES:	Flush Mount Surface Completion (TOC Elevation: 14.92)		GROUNDWATER LEVEL (24 hr): 5.89



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-41

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/11/2026 — COMPLETED: 3/11/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner — CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA, Hand Auger	NORTHING: 561,629.1082
LOGGED BY: Bastian — APPROVED BY: Putney	EASTING: 2,520,894.4616
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GW		Sandy Gravel: Well Graded Sand, Dark Brown, Damp	0	
			0.0		GW		Sandy Gravel: Well Graded Sand, Dark Brown, Damp		
				Soil Sample Collected 2-3 ft BGS			Clay with Sand: Fat Clay, Fine Grained Sand, Light Brown, Moist		
			0.0	Borehole Terminated at 3 ft BGS	CH				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-42

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/11/2026 — COMPLETED: 3/11/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner — CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA, Hand Auger	NORTHING: 561,198.0717
LOGGED BY: Bastian — APPROVED BY: Putney	EASTING: 2,520,658.1967
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GW		Sandy Gravel: Well Graded Sand, Black, Damp	0	
				Soil Sample Collected 1.5-2 ft BGS			Sandy Gravel: Well Graded Sand, Black, Wet		
			0.0	Borehole Terminated at 2 ft BGS	GW				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-23 / SB-43

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/25/2026	COMPLETED:	3/26/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	15.15		
DRILLING METHOD:	HSA, Hand Auger		
NORTHING:	561291.96		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521146.16		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 15.15)		
GROUNDWATER LEVEL (24 hr):	6.18		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.3	Soil Sample Collected 0-1 ft BGS	CL		Sandy Clay: Fine to Medium Grained Sand, Reddish Brown, Damp	15	Bentonite; 2"-diam PVC Casing
			0.2	Soil Sample Collected 2-3 ft BGS	SM-SC		Silty Clayey Sand: Fine Grained Sand, Dark Brown, Damp		
							Concrete Slab		
5			2.8		SP		Sand: Fine Grained, Grayish Brown, Moist	10	Sand Pack; Slotted PVC Screen
			0.3	Borehole Terminated 8 ft BGS (Auger Refusal)	SC		Clayey Sand with Gravel: Fine Grained Sand, Grayish Brown, Wet		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-44

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/23/2026	COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Gardner / McClintock	CERT. NO.: 1837 / 2447	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: HSA, Hand Auger, Sonic (1-2.5)		NORTHING: 561,100.6813	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,520,907.1558	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GC		Gravely Sandy Clay: Fine to Medium Grained Sand, Dark Brown, Dry	0	
							Brick		
				Soil Sample Collected 2-2.5 ft BGS					
			0.0	Borehole Terminated at 2.5 ft BGS	GC		Gravely Clay: Dark Gray, Moist		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-16 / SB-45

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/24/2026	COMPLETED: 3/24/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	Ground Surface ELEVATION: 15.03	
DRILLING METHOD: DPT, HSA		NORTHING: 561004.27	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2520704.48	
NOTES: Flush Mount Surface Completion		GROUNDWATER LEVEL (24 hr): 4.92	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			1.0	Soil Sample Collected 0-1 ft BGS	GC		Gravely Sandy Clay: Medium Grained Sand, Dark Gray, Damp	0	Bentonite
							Concrete Slab		2"-diam PVC Casing
							Trash: Rubber and Metal		
				Soil Sample Collected 3-4 ft BGS			Sandy Clay: Fine to Medium Grained Sand, Gray, Moist		
5			0.1		CL			-5	
			0.4		CL		Sandy Clay: Fine to Medium Grained Sand, Dark Gray, Wet		Sand Pack
									Slotted PVC Screen
10			0.3		CL		Sandy Clay: Fine to Medium Grained Sand, Dark Gray, Saturated	-10	
							Sandy Clay: Fat Clay, Fine to Medium Grained Sand, Gray and Brown Mottled, Wet		
			0.0	Borehole Terminated at 13 ft BGS	CH				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-46

PERMIT NO: MW-00947	PERMIT DATE: 3/11/2026
CLIENT: Liberty River, LLC	PROJECT NAME: Liberty Steel VCC Baseline Assessment
PROJECT NO.: RVDE00226	PROJECT LOCATION: Georgetown, SC
DATE STARTED: 3/25/2026 COMPLETED: 3/25/2026	BOREHOLE DIAMETER: 8"
DRILLER: Robert Gardner CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed
DRILLING METHOD: HSA, Hand Auger	NORTHING: 560,362.7082
LOGGED BY: Bastian APPROVED BY: Putney	EASTING: 2,522,015.0928
NOTES: Soil Sample Only	GROUNDWATER LEVEL (24 hr): N/A

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			8.0	Soil Sample Collected 0-1 ft BGS	GW		Gravely Clayey Sand: Medium to Coarse Grained Sand, Reddish Brown, Damp	0	
			11.7		GW		Gravely Clayey Sand: Medium to Coarse Grained Sand, Reddish Brown, Damp		
				Soil Sample Collected 2-3 ft BGS			Gravely Sand: Fine Grained Sand, Black, Dry		
			38.0	Borehole Terminated at 3 ft BGS	GP				

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

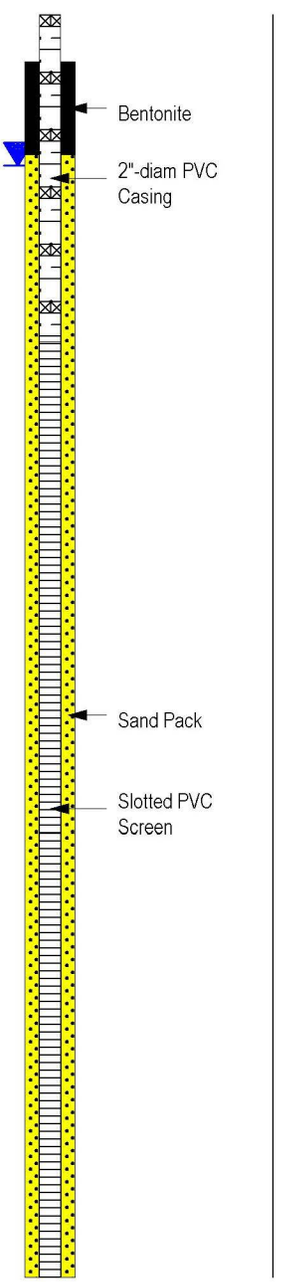
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-22 / SB-47

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/25/2026	COMPLETED:	3/26/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	7.25		
DRILLING METHOD:	DPT, HSA	NORTHING:	560475.53
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521682.66		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 6.96)	GROUNDWATER LEVEL (24 hr):	1.62

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0.5-1 ft BGS	GC		Gravel		
							Gravelly Sandy Clay: Medium to Coarse Grained Sand, Pinkish Brown, Moist		
			1.7		GC		Gravelly Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Moist		
				Soil Sample Collected 2-3 ft BGS				5	
			1.9		GC		Gravelly Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Moist		
							Gravelly Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Wet		
5									
			1.3		GC				
								0	
							Sandy Silt with Clay: Fine Grained Sand, Dark Brown, Saturated		
10			1.6		ML				
							Sandy Silt with Clay: Fine Grained Sand, Dark Red, Saturated		
				Borehole Terminated 13.5 ft BGS				-5	
			2.0		ML				



GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-SB-48

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/25/2026	COMPLETED: 3/25/2026	BOREHOLE DIAMETER: 2"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: Not Surveyed	
DRILLING METHOD: Hand Auger		NORTHING: 560,817.4525	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2,520,970.0824	
NOTES: Soil Sample Only		GROUNDWATER LEVEL (24 hr): N/A	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			6.2	Soil Sample Collected 0-1 ft BGS	ML		Sandy Clayey Silt: Fine Grained Sand, Brown, Dry	0	
			0.4		CH		Clay: Fat, Light Gray, Damp		
				Soil Sample Collected 2-3 ft BGS			Clay: Fat, Light Gray, Damp		
			0.8	Borehole Terminated at 3 ft BGS	CH				

APPENDIX II

MONITORING WELL INSTALLATION LOGS, WELL RECORDS, AND GROUNDWATER SAMPLE DATA SHEETS

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-01

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/24/26
13.5 ft. Date Completed: 03/25/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.5 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.5 ft. and 3.5 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.5 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-01

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/19/2026	COMPLETED: 3/19/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION:	
DRILLING METHOD: HSA		NORTHING: 562053.79	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521068.85	
NOTES: Flush Mount Surface Completion (TOC Elevation: 12.17)		GROUNDWATER LEVEL (24 hr): 6.28	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.2		SP		Concrete Slab		Bentonite
							Sand: Fine Grained, Gray, Damp	10	2"-diam PVC Casing
			0.0		SC		Sand with Clay: Fine Grained Sand, Dark Gray, Moist		
5			0.7		SC		Clayey Sand: Fine Grained Sand, Dark Gray, Moist		
							Clayey Sand: Fine Grained Sand, Grayish Brown, Wet	5	Sand Pack
			0.5		SC				Slotted PVC Screen
10			0.4		CH		Clay: Fat, Bluish Gray, Wet		
			0.0		SP		Sand: Fine Grained, Gray, Saturated	0	
			0.0	Borehole Terminated at 13.5 ft BGS	CH		Clay: Fat, Bluish Gray, Wet		

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-02

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/13/26
12 ft. Date Completed: 03/13/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-02 / SB-16

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/13/2026	COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 2.25	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 11.30	
DRILLING METHOD: DPT		NORTHING: 562672.96	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521203.12	
NOTES: Temporary Well (TOC Elevation:12.68)		GROUNDWATER LEVEL (24 hr): 7.34	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Brown, Damp		Bentonite; 1"-diam PVC Casing
			0.0		SP		Sand: Fine Grained, Orangish Brown, Damp	10	
			0.0	Soil Sample Collected 2-3 ft BGS	SP		Sand: Fine Grained, Orangish Brown, Damp		
5				No Soil Cores 3-12 ft BGS - Well Installed with 2.25" Drive Rods and Expendable Point				5	Sand Pack; Slotted PVC Screen
10				Borehole Terminated 12 ft BGS				0	

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:

NAME: Liberty River, LLC

ADDRESS: 10 State Hwy 35 Suite 100

CITY: Red Bank *STATE: NJ* *ZIP: 07701*

TELEPHONE WORK: *HOME: 732-768-7104*

2. LOCATION OF WELL: **County: Georgetown**

Name: **Liberty Steel**
Street Address: **420 South Hazard Street**
City: **Georgetown** Zip: **29440**

Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** LS-TW-03

4. ABANDONMENT: ☐ Yes ☑ No

Give Details Below

Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum (ft)
See geologists logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 14.0 ft. Date Started: 6-1-2026 Date Completed: 6-1-2026

10. CASING: ☑ Threaded ☐ Welded
Diam. 1.0 in.
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0.0 in. to 4.0 ft. depth
_____ in. to _____ ft. depth

Height: (Above) / Below
Surface _____ ft.
Weight _____ lb/ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam: 1
Slot/Gauge: .010 Length: 10.0
Set Between: 4.0 ft. and 14.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 10.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 2.0 ft. to 14.0 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 2.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ Direction
Type _____
Well Disinfected ☐ Yes ☑ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☑
Mfr. Name _____ Model No. _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Isaac McClintock **CERT. NO.: 2447-D**
Address: 9088 Northfield Drive, Fort Mill, South Carolina, United States, 29707
Level: A B C Ⓓ (circle one)
Telephone No.: (803) 548-2180 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION:
This well was drilled under my direction and this report is true to the best of my knowledge a belief.
Signed: ***Isaac McClintock*** Date: 7/1/2026
if D Level Driller, provide supervising driller's name: Richy Lemire

COPY 1 MAIL TO SCDHEC • COPY 2 TO WELL OWNER • COPY 3 TO WELL DRILLER

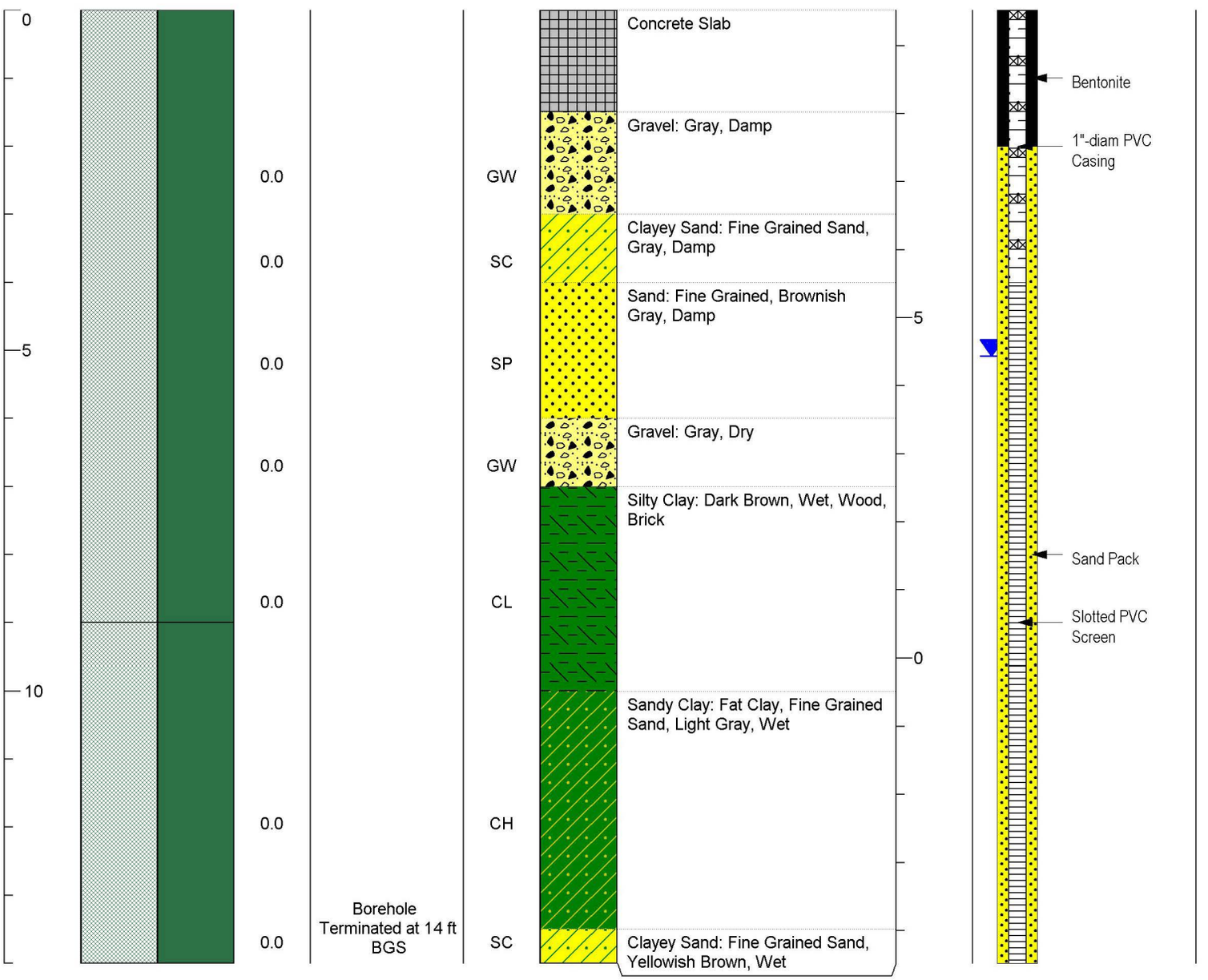
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-03

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 5/29/2026	COMPLETED: 5/29/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Isaac McClintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: 9.52	
DRILLING METHOD: Roto Sonic		NORTHING: 563026.68	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521859.48	
NOTES: Temporary Well (TOC Elevation: 10.55)		GROUNDWATER LEVEL (24 hr): 7.02	



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-04

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/18/26
13.5 ft. Date Completed: 03/24/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.5 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.5 ft. and 3.5 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.5 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

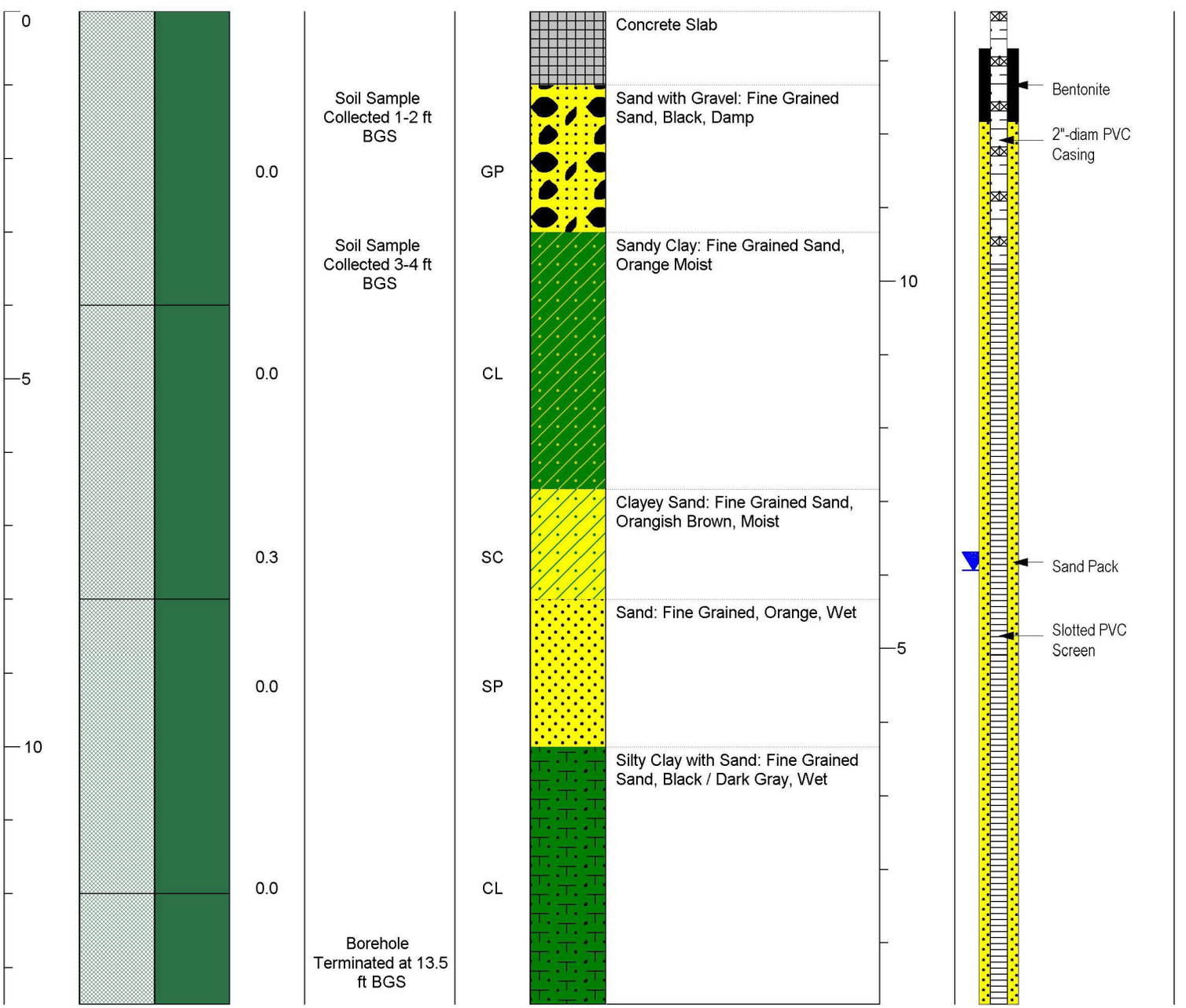
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-04 / SB-02

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/18/2026	COMPLETED: 3/18/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 13.67	
DRILLING METHOD: HSA / Hand Auger		NORTHING: 561920.80	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521155.89	
NOTES: Flush Mount Surface Completion (TOC Elevation: 13.44)		GROUNDWATER LEVEL (24 hr): 7.61	



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-05

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/18/26
13.5 ft. Date Completed: 03/24/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.5 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.5 ft. and 3.5 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.5 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

D-1903 (06/2025)

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-05 / SB-01

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/18/2026	COMPLETED:	3/18/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	13.82		
DRILLING METHOD:	HSA / Hand Auger	NORTHING:	561839.04
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2520971.07		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 13.46)	GROUNDWATER LEVEL (24 hr):	6.06

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 1-2 ft BGS	GC		Concrete Slab		
							Sandy Clay with Gravel: Fine Grained Sand, Light Brown, Damp		Bentonite; 2"-diam PVC Casing
			0.0	Soil Sample Collected 4-5 ft BGS	SC		Clayey Sand: Fine Grained Sand, Grayish Brown, Damp	10	
5			37.0		SC		Clayey Sand: Fine Grained Sand, Dark Gray, Moist, Petroleum Odor		
							Clayey Sand: Fine Grained Sand, Greenish Gray, Wet, Petroleum Odor		Sand Pack; Slotted PVC Screen
			5.5		SC			5	
10			0.5		SP		Sand: Fine Grained, Light Brown, Saturated, Petroleum Odor		
			0.1	Borehole Terminated at 13 ft BGS	CL		Sandy Clay: Fine Grained Sand, Dark Gray, Saturated, Petroleum Odor		

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-06

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/17/26
12 ft. Date Completed: 03/17/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

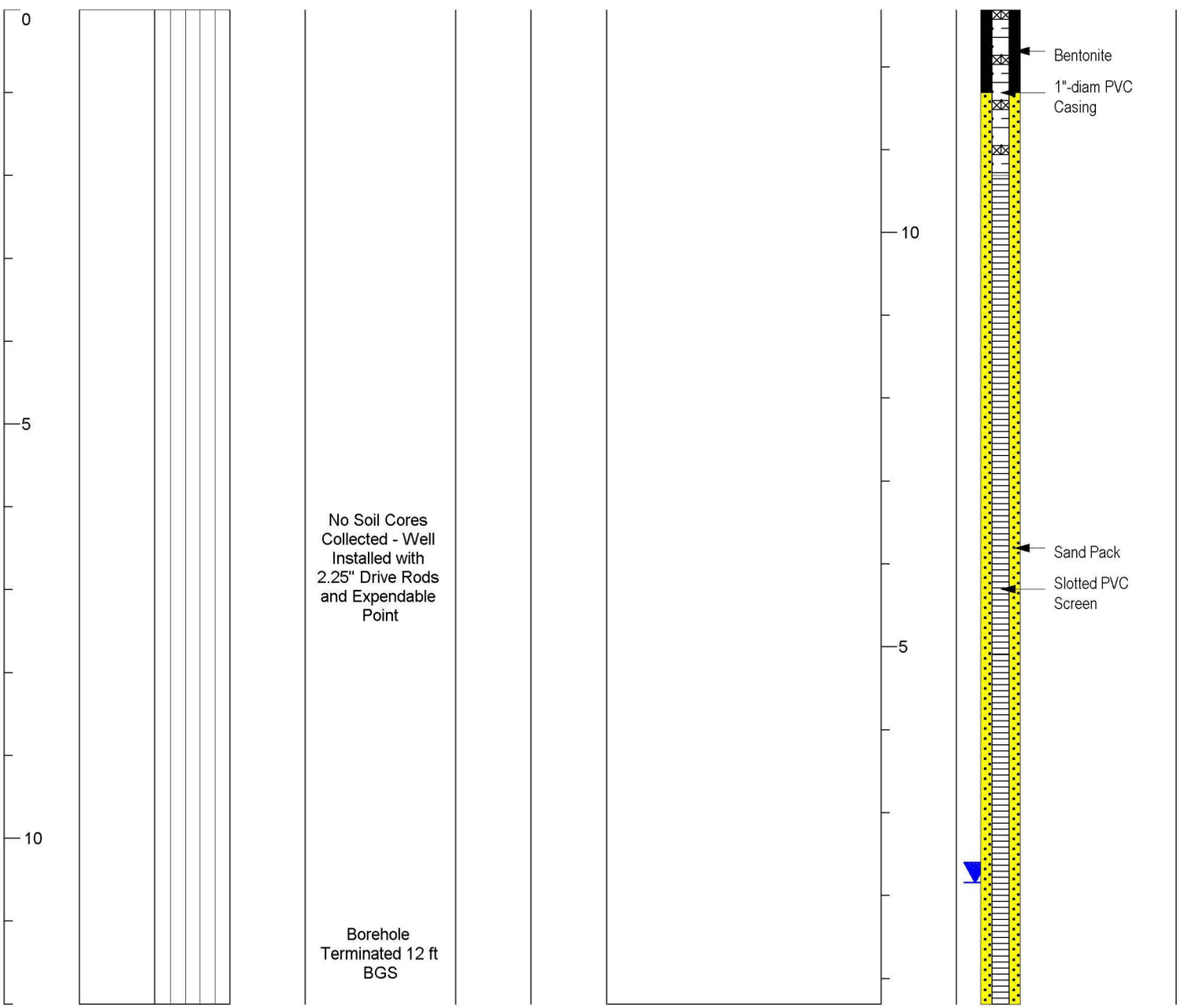
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-06

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/17/2026	COMPLETED:	3/17/2026
BOREHOLE DIAMETER:	2.25		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	12.69		
DRILLING METHOD:	DPT		
NORTHING:	563748.67		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521842.88		
NOTES:	Temporary Well (TOC Elevation:14.23)		
GROUNDWATER LEVEL (24 hr):	10.54		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-07

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/11/26
12 ft. Date Completed: 03/11/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-07 / SB-07

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/11/2026	COMPLETED: 3/11/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 8.81	
DRILLING METHOD: HSA, Hand Auger		NORTHING: 563513.63	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521945.28	
NOTES: Temporary Well (TOC Elevation:10.64)		GROUNDWATER LEVEL (24 hr): 8.10	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			20.9	Soil Sample Collected 0-1 ft BGS	SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp		Bentonite
			6.5		SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp, Brick		1"-diam PVC Casing
			3.9	Soil Sample Collected 2-3 ft BGS	SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp, Brick		
			1.8		SW		Gravely Sand with Clay: Well Graded Sand, Dark Brown, Damp	5	
5			0.7		ML		Sandy Silt: Fine to Medium Grained Sand, Dark Brown, Wet	0	Sand Pack
									Slotted PVC Screen
10			0.3	Borehole Terminated 12 ft BGS	SM		Silty Sand: Fine Grained Sand, Light Gray, Wet		

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:

NAME: Liberty River, LLC

ADDRESS: 10 State Hwy 35 Suite 100

CITY: Red Bank *STATE: NJ* *ZIP: 07701*

TELEPHONE WORK: *HOME: 732-768-7104*

2. LOCATION OF WELL: **County: Georgetown**

Name: **Liberty Steel**
Street Address: **420 South Hazard Street**
City: **Georgetown** Zip: **29440**

Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** LS-TW-08

4. ABANDONMENT: ☐ Yes ☑ No

Give Details Below

Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum (ft)
See geologists logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 14.0 ft. Date Started: 6-4-2026 Date Completed: 6-4-2026

10. CASING: ☑ Threaded ☐ Welded
Diam. 1.0 in.
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0.0 in. to 9.0 ft. depth
_____ in. to _____ ft. depth

Height: (Above) / Below
Surface _____ ft.
Weight _____ lb/ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam: 1
Slot/Gauge: .010 Length: 5.0
Set Between: 9.0 ft. and 14.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 10.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 7.0 ft. to 14.0 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 7.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ Direction
Type _____
Well Disinfected ☐ Yes ☑ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☑
Mfr. Name _____ Model No. _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Isaac McClintock **CERT. NO.: 2447-D**
Address: 9088 Northfield Drive, Fort Mill, South Carolina, United States, 29707
Level: A B C Ⓓ (circle one)
Telephone No.: (803) 548-2180 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION:
This well was drilled under my direction and this report is true to the best of my knowledge a belief.
Signed: ***Isaac McClintock*** Date: 7/1/2026

if D Level Driller, provide supervising driller's name: Richy Lemire

COPY 1 MAIL TO SCDHEC • COPY 2 TO WELL OWNER • COPY 3 TO WELL DRILLER

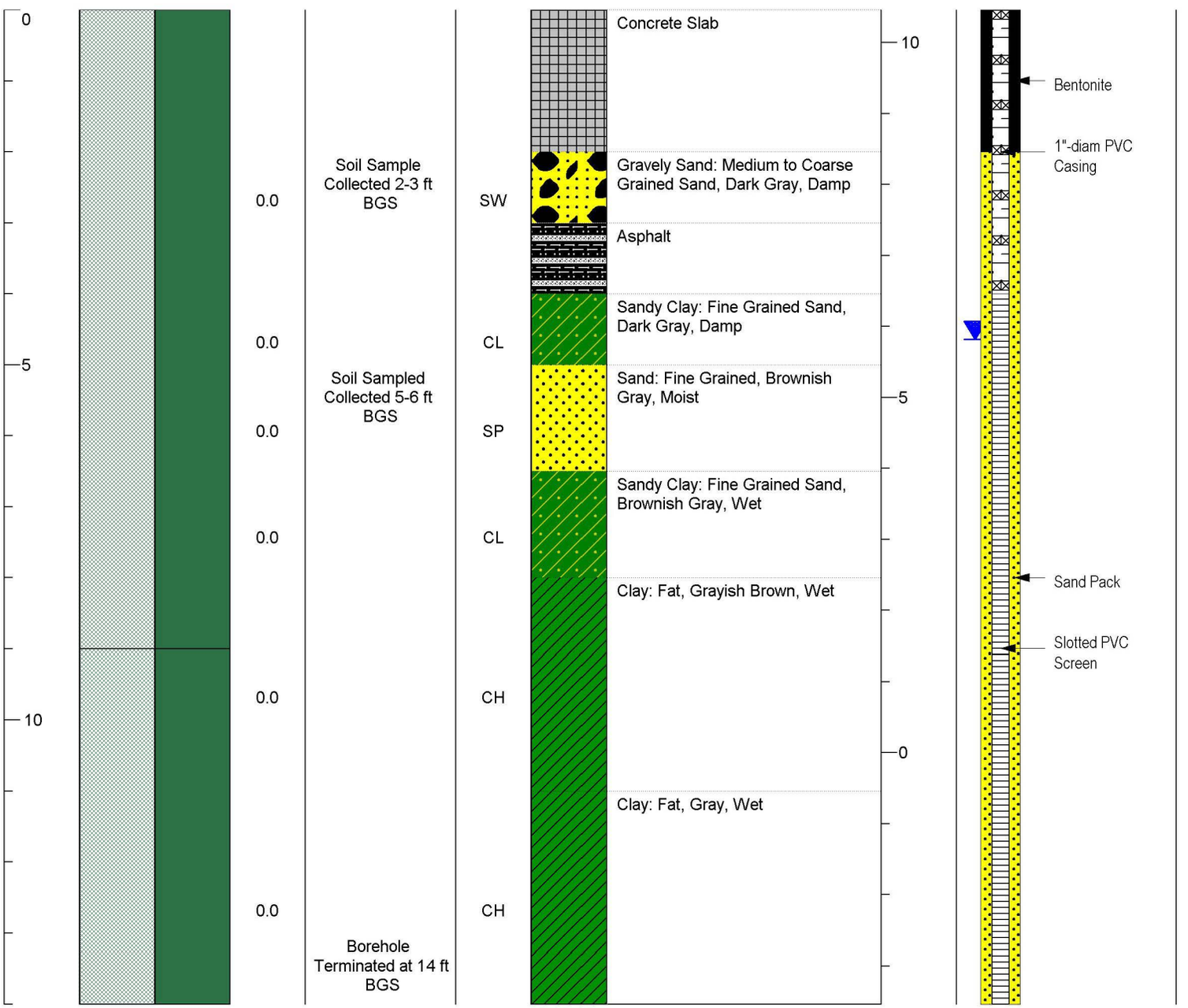
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-08 / SB-11

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 6/2/2026	COMPLETED: 6/22026	BOREHOLE DIAMETER: 8"	
DRILLER: Isaac McClintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: 10.46	
DRILLING METHOD: Roto Sonic		NORTHING: 563308.74	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521732.87	
NOTES: Temporary Well (TOC Elevation: 11.07)		GROUNDWATER LEVEL (24 hr): 4.64	



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-09

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/17/26
12 ft. Date Completed: 03/17/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-09

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/17/2026	COMPLETED:	3/17/2026
BOREHOLE DIAMETER:	2.25		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	12.47		
DRILLING METHOD:	DPT	NORTHING:	563365.90
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521613.69		
NOTES:	Temporary Well (TOC Elevation:13.90)	GROUNDWATER LEVEL (24 hr):	9.30

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0				No Soil Cores Collected - Well Installed with 2.25" Drive Rods and Expendable Point				10	Bentonite 1"-diam PVC Casing
5								5	Sand Pack Slotted PVC Screen
10				Borehole Terminated 12 ft BGS					

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-10

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/13/26
12 ft. Date Completed: 03/13/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-10 / SB-05

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/13/2026	COMPLETED: 3/13/2026	BOREHOLE DIAMETER: 2.25	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 12.18	
DRILLING METHOD: DPT		NORTHING: 562818.28	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521276.09	
NOTES: Temporary Well (TOC Elevation:14.26)		GROUNDWATER LEVEL (24 hr): 8.12	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			11.6	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Gray, Damp		Bentonite
			95.1		SP		Sand: Fine Grained, Gray, Damp		1"-diam PVC Casing
			19.1	Soil Sample Collected 2-3 ft BGS	CL		Sandy Clay: Fine Grained Sand, Brown, Moist	10	
5				No Soil Cores 3-12 ft BGS - Well Installed with 2.25" Drive Rods and Expendable Point				5	Sand Pack Slotted PVC Screen
10				Borehole Terminated 12 ft BGS					

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-11

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/23/26
12 ft. Date Completed: 03/23/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

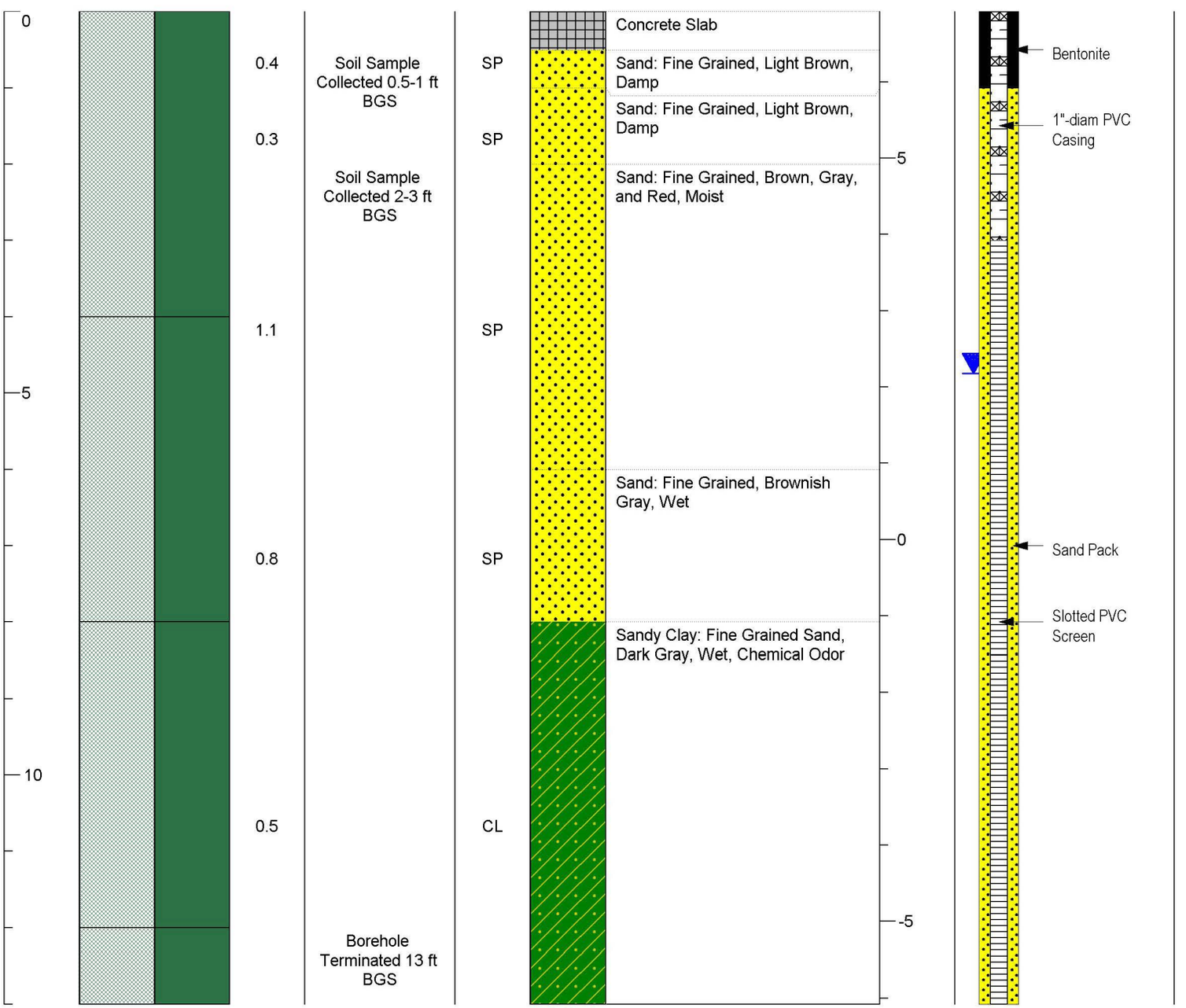
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-11 / SB-17

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/23/2026	COMPLETED:	3/23/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	8.81		
DRILLING METHOD:	HSA, Hand Auger	NORTHING:	562728.55
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521488.55		
NOTES:	Temporary Well (TOC Elevation:8.96)	GROUNDWATER LEVEL (24 hr):	6.92

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.4	Soil Sample Collected 0.5-1 ft BGS	SP		Concrete Slab		Bentonite
							Sand: Fine Grained, Light Brown, Damp		
			0.3		SP		Sand: Fine Grained, Light Brown, Damp		1"-diam PVC Casing
				Soil Sample Collected 2-3 ft BGS				5	
							Sand: Fine Grained, Brown, Gray, and Red, Moist		
5			1.1		SP				
							Sand: Fine Grained, Brownish Gray, Wet	0	Sand Pack
			0.8		SP				Slotted PVC Screen
							Sandy Clay: Fine Grained Sand, Dark Gray, Wet, Chemical Odor		
10			0.5		CL				
				Borehole Terminated 13 ft BGS				-5	



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-12

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/17/26
12 ft. Date Completed: 03/17/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-12 / SB-20

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/17/2026	COMPLETED: 3/17/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 9.82	
DRILLING METHOD: DPT / HSA		NORTHING: 562360.63	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521242.63	
NOTES: Temporary Well (TOC Elevation:11.61)		GROUNDWATER LEVEL (24 hr): 6.13	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	SP		Sand: Fine Grained, Light Brown, Damp		Bentonite; 1"-diam PVC Casing
			0.0		SP		Sand: Fine Grained, Light Brown, Damp		
			0.0		SP		Sand: Fine Grained, Light Brown, Damp		
			0.0	Soil Sample Collected 3-4 ft BGS	SC		Clayey Sand: Fine Grained Sand, Dark Gray, Moist		
5				No Soil Cores 4-12 ft BGS - Well Installed with 2.25" Drive Rods and Expendable Point				5	Sand Pack; Slotted PVC Screen
10				Borehole Terminated 12 ft BGS				0	

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-13

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/13/26
12 ft. Date Completed: 03/13/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

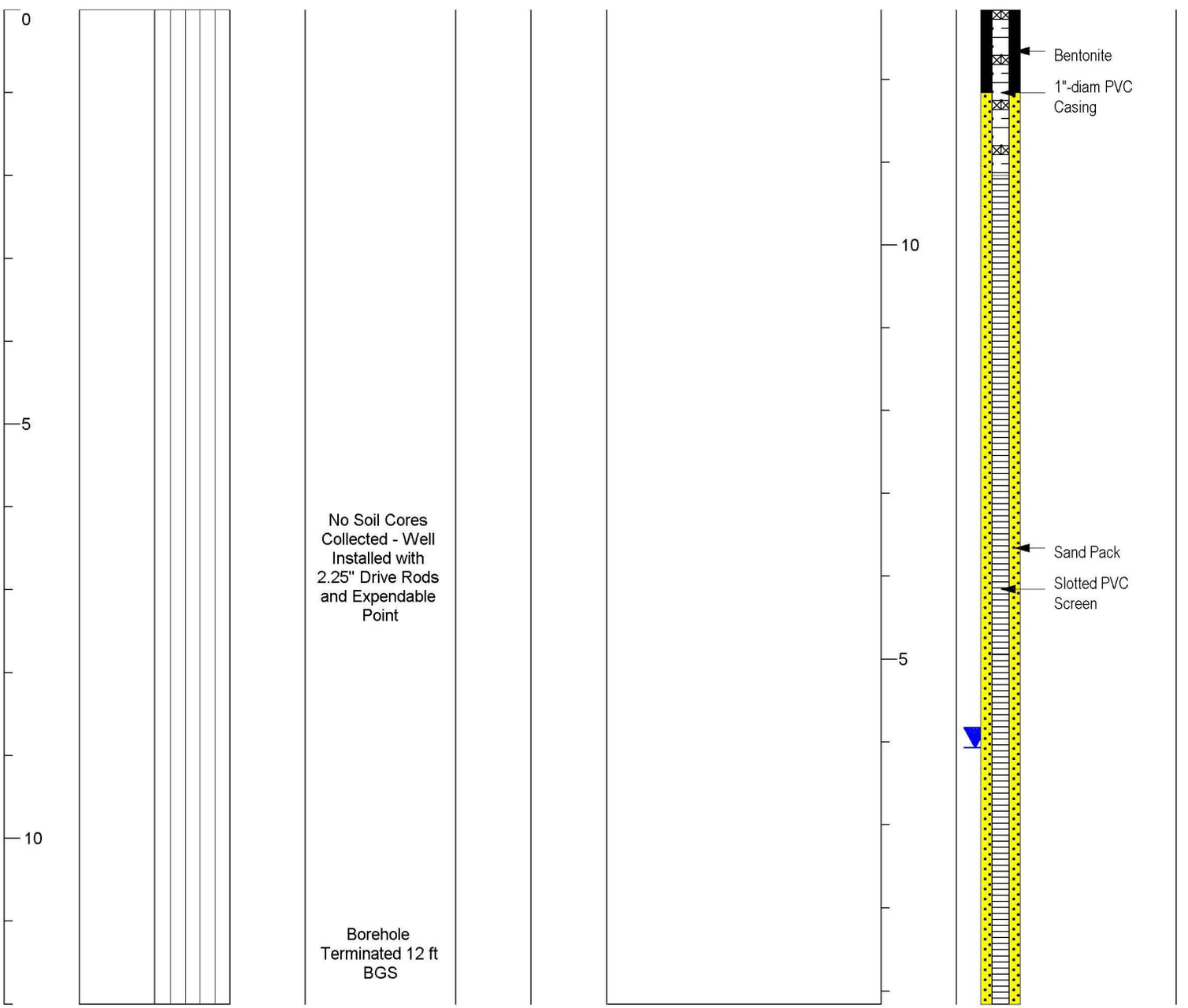
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-13

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/17/2026	COMPLETED:	3/17/2026
BOREHOLE DIAMETER:	2.25		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	12.84		
DRILLING METHOD:	DPT		
NORTHING:	562431.79		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521054.15		
NOTES:	Temporary Well (TOC Elevation:14.59)		
GROUNDWATER LEVEL (24 hr):	8.91		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-14

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/18/26
13.0 ft. Date Completed: 03/24/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.0 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.0 ft. and 3.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.0 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to 0.5 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-14 / SB-14

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/18/2026	COMPLETED: 3/18/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 12.67	
DRILLING METHOD: HSA / Hand Auger		NORTHING: 561891.45	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521272.42	
NOTES: Flush Mount Surface Completion (TOC Elevation: 12.37)		GROUNDWATER LEVEL (24 hr): 10.47	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab		
			0.0	Soil Sample Collected 0.5-1 ft BGS	GW		Sand: Fine to Medium Grained, Light Brown, Dry		Bentonite; 2"-diam PVC Casing
				Soil Sample Collected 2-3 ft BGS			Sand: Fine to Medium Grained, Light Brown, Damp	10	
			0.0		GW				
5							Sand: Fine to Medium Grained, Light Brown, Moist		
			0.4		GW			5	Sand Pack; Slotted PVC Screen
							Sand: Fine to Medium Grained, Brown, Moist		
10			0.3		GW				
							Sand: Fine to Medium Grained, Gray, Wet		
			0.4	Borehole Terminated at 13 ft BGS	GW			0	

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-TW-15

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/24/26
12 ft. Date Completed: 03/24/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 1-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
1 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 1-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

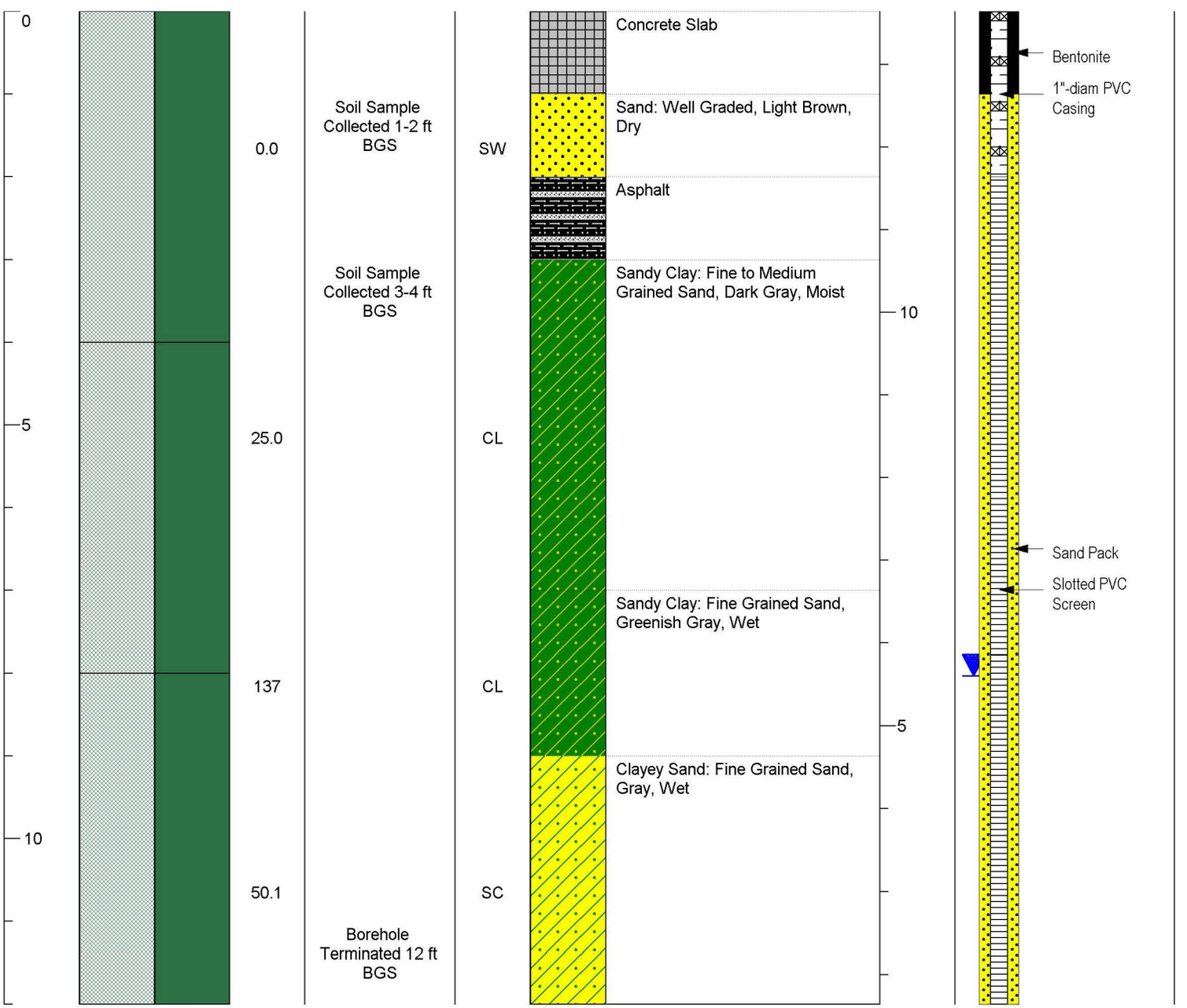
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-TW-15 / SB-27

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/24/2026	COMPLETED:	3/24/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	13.64		
DRILLING METHOD:	HSA, Hand Auger	NORTHING:	561447.61
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2520583.03		
NOTES:	Temporary Well (TOC Elevation:16.22)	GROUNDWATER LEVEL (24 hr):	8.03

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 1-2 ft BGS	SW		Concrete Slab		Bentonite
							Sand: Well Graded, Light Brown, Dry		1"-diam PVC Casing
							Asphalt		
				Soil Sample Collected 3-4 ft BGS			Sandy Clay: Fine to Medium Grained Sand, Dark Gray, Moist	10	
5			25.0		CL				Sand Pack
							Sandy Clay: Fine Grained Sand, Greenish Gray, Wet		Slotted PVC Screen
			137		CL			5	
							Clayey Sand: Fine Grained Sand, Gray, Wet		
10			50.1	Borehole Terminated 12 ft BGS	SC				



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-16

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 13.5 ft. Date Started: 03/24/26 Date Completed: 03/25/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.5 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.5 ft. and 3.5 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.5 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) 2040 Savage Road, Charleston, SC 29407
Level: A B C D ✓ (circle one)
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-16 / SB-45

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/24/2026	COMPLETED: 3/24/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	Ground Surface ELEVATION: 15.03	
DRILLING METHOD: DPT, HSA		NORTHING: 561004.27	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2520704.48	
NOTES: Flush Mount Surface Completion		GROUNDWATER LEVEL (24 hr): 4.92	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			1.0	Soil Sample Collected 0-1 ft BGS	GC		Gravely Sandy Clay: Medium Grained Sand, Dark Gray, Damp	0	Bentonite
							Concrete Slab		2"-diam PVC Casing
							Trash: Rubber and Metal		
				Soil Sample Collected 3-4 ft BGS			Sandy Clay: Fine to Medium Grained Sand, Gray, Moist		
5			0.1		CL			-5	
			0.4		CL		Sandy Clay: Fine to Medium Grained Sand, Dark Gray, Wet		Sand Pack
									Slotted PVC Screen
10			0.3		CL		Sandy Clay: Fine to Medium Grained Sand, Dark Gray, Saturated	-10	
							Sandy Clay: Fat Clay, Fine to Medium Grained Sand, Gray and Brown Mottled, Wet		
			0.0	Borehole Terminated at 13 ft BGS	CH				

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

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35 Suite 100
City: Red Bank State: NJ Zip: 07701
Telephone: Work: 732-768-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 420 S Hazard St
City: Georgetown Zip: 29440
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** LS-MW-17

4. ABANDONMENT: ☐ Yes ☒ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 17 ft. Date Started: 5-26-26 Date Completed: 5-27-26

10. CASING: ☒ Threaded ☐ Welded
Diam.: 2
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 7 ft. depth
_____ in. to _____ ft. depth
Height: Above/(Below)
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 0.010 Length: 10
Set Between: 7 ft. and 17 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL N/A ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 5 ft. to 17 ft.
Effective size #2 Uniformity Coefficient Filtered Sand

16. WELL GROUTED? ☒ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☒ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 5 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Josh Holt **CERT. NO.:** 2325
Address: (Print)
Summit Drilling
9088 Northfield Drive
Fort Mill, SC 29707
Level: A B C (D) (circle one)
Telephone No.: (803)548-2180 Fax No.: (803)548-2181

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

Signed: Josh Holt Well Driller Date: 6/18/2026

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

DHEC 1903 (03/2004)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

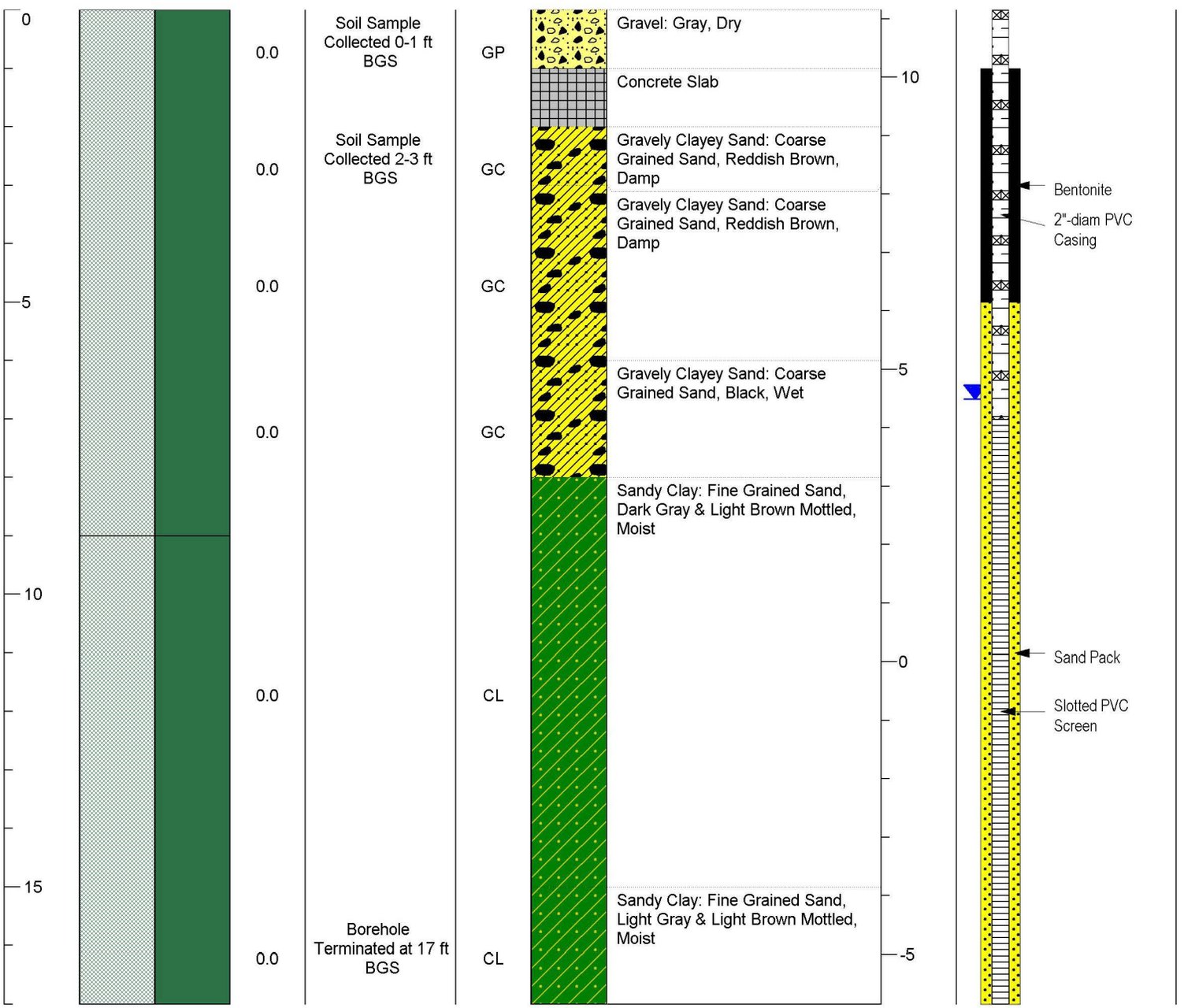
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-17 / SB-37

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	5/27/2026	COMPLETED:	5/27/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Josh Holt	CERT. NO.:	2325
GROUND SURFACE ELEVATION:	11.15		
DRILLING METHOD:	Roto Sonic		
NORTHING:	562711.91		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521816.57		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 10.90)		
GROUNDWATER LEVEL (24 hr):	6.67		



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:

NAME: Liberty River, LLC

ADDRESS: 10 State Hwy 35 Suite 100

CITY: Red Bank *STATE: NJ* *ZIP: 07701*

TELEPHONE WORK: *HOME: 732-768-7104*

2. LOCATION OF WELL: **County: Georgetown**

Name: **Liberty Steel**
Street Address: **420 South Hazard Street**
City: **Georgetown** Zip: **29440**

Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** LS-MW-18

4. ABANDONMENT: ☐ Yes ☑ No

Give Details Below

Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum (ft)
See geologists logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 17.0 ft. Date Started: 5-29-2026 Date Completed: 5-29-2026

10. CASING: ☑ Threaded ☐ Welded
Diam. 2.0 in.
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0.0 in. to 7.0 ft. depth
_____ in. to _____ ft. depth

Height: Above / (Below)
Surface _____ ft.
Weight _____ lb/ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam: 2
Slot/Gauge: .010 Length: 10.0
Set Between: 7.0 ft. and 17.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 10.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 5.0 ft. to 17.0 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 2.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ Direction
Type _____
Well Disinfected ☐ Yes ☑ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☑
Mfr. Name _____ Model No. _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Isaac McClintock **CERT. NO.: 2447-D**
Address: 9088 Northfield Drive, Fort Mill, South Carolina, United States, 29707
Level: A B C (D) (circle one)
Telephone No.: (803) 548-2180 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION:
This well was drilled under my direction and this report is true to the best of my knowledge a belief.
Signed: ***Isaac McClintock*** Date: 7/1/2026
if D Level Driller, provide supervising driller's name: Richy Lemire

COPY 1 MAIL TO SCDHEC • COPY 2 TO WELL OWNER • COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-18 / SB-30

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	5/28/2026	COMPLETED:	5/29/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Isaac McClintock	CERT. NO.:	2447
GROUND SURFACE ELEVATION:	8.42		
DRILLING METHOD:	Roto Sonic		
NORTHING:	562886.63		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2522375.25		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 8.18)		
GROUNDWATER LEVEL (24 hr):	7.02		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Concrete Slab		
			0.0	Soil Sample Collected 2-3 ft BGS	SM		Sand with Silt: Fine Grained Sand, Grayish Brown, Damp		
							Silty Sand: Fine Grained Sand, Grayish Brown, Moist	5	Bentonite; 2"-diam PVC Casing
5			0.0	Soil Sample Collected 5-6 ft BGS	SM				
			0.0		SM		Silty Sand: Fine Grained Sand, Grayish Brown, Wet	0	
							Sandy Clay: Fine Grained Sand, Light Gray & Orangish Brown Mottled, Moist		Sand Pack; Slotted PVC Screen
10			0.0		CL				
							Sand with Silt: Fine to Medium Grained Sand, Brownish Gray, Wet	-5	
15			0.0	Borehole Terminated at 17 ft BGS	SM				

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:

NAME: Liberty River, LLC

ADDRESS: 10 State Hwy 35 Suite 100

CITY: Red Bank *STATE: NJ* *ZIP: 07701*

TELEPHONE WORK: *HOME: 732-768-7104*

2. LOCATION OF WELL: **County: Georgetown**

Name: **Liberty Steel**
Street Address: **420 South Hazard Street**
City: **Georgetown** Zip: **29440**

Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** LS-MW-19

4. ABANDONMENT: ☐ Yes ☑ No

Give Details Below

Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum (ft)
See geologists logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 16.0 ft. Date Started: 6-1-2026 Date Completed: 6-1-2026

10. CASING: ☑ Threaded ☐ Welded
Diam. 2.0 in.
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0.0 in. to 6.0 ft. depth
_____ in. to _____ ft. depth

Height: Above / (Below)
Surface _____ ft.
Weight _____ lb/ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam: 2
Slot/Gauge: .010 Length: 10.0
Set Between: 6.0 ft. and 16.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 10.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 4.0 ft. to 16.0 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 2.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ Direction
Type _____
Well Disinfected ☐ Yes ☑ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☑
Mfr. Name _____ Model No. _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Isaac McClintock **CERT. NO.: 2447-D**
Address: 9088 Northfield Drive, Fort Mill, South Carolina, United States, 29707
Level: A B C (D) (circle one)
Telephone No.: (803) 548-2180 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION:
This well was drilled under my direction and this report is true to the best of my knowledge a belief.
Signed: ***Isaac McClintock*** Date: 7/1/2026
if D Level Driller, provide supervising driller's name: Richy Lemire

COPY 1 MAIL TO SCDHEC • COPY 2 TO WELL OWNER • COPY 3 TO WELL DRILLER

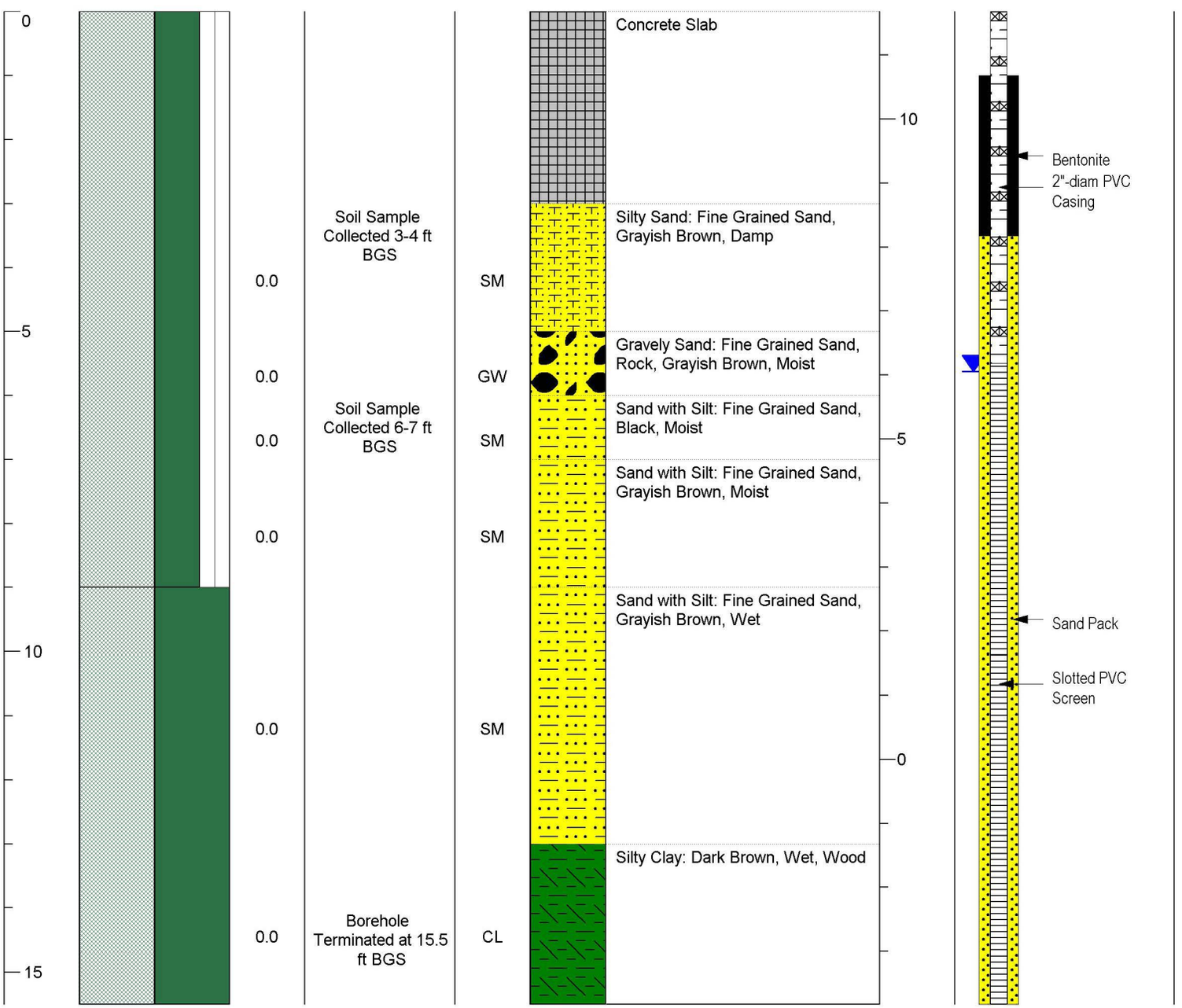
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-19 / SB-33

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	5/29/2026	COMPLETED:	6/2/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Isaac McClintock	CERT. NO.:	2447
GROUND SURFACE ELEVATION:	11.68		
DRILLING METHOD:	Roto Sonic		
NORTHING:	563199.64		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2522081.93		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 11.41)		
GROUNDWATER LEVEL (24 hr):	5.62		



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

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35 Suite 100
City: Red Bank State: NJ Zip: 07701
Telephone: Work: 732-768-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 420 S Hazard St
City: Georgetown Zip: 29440
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** LS-MW-20

4. ABANDONMENT: ☐ Yes ☒ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☒ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 17.5 ft. Date Started: 5-26-26 Date Completed: 5-27-26

10. CASING: ☒ Threaded ☐ Welded
Diam.: 2
Type: ☒ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 7.5 ft. depth
_____ in. to _____ ft. depth
Height: Above/(Below)
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☒ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 0.010 Length: 10
Set Between: 7.5 ft. and 17.5 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☒ No

12. STATIC WATER LEVEL N/A ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☒ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☒ No Bacterial Analysis ☐ Yes ☒ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☒ Yes ☐ No
Installed from 5.5 ft. to 17.5 ft.
Effective size #2 Uniformity Coefficient Filtered Sand

16. WELL GROUTED? ☒ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☒ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 5.5 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☒ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☒
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Josh Holt **CERT. NO.:** 2325
Address: (Print)
Summit Drilling
9088 Northfield Drive
Fort Mill, SC 29707
Level: A B C (D) (circle one)
Telephone No.: (803)548-2180 Fax No.: (803)548-2181

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

Signed: Josh Holt Well Driller Date: 6/18/2026

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

DHEC 1903 (03/2004)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-20 / SB-38

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 5/26/2026	COMPLETED: 5/27/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Josh Holt	CERT. NO.: 2325	GROUND SURFACE ELEVATION: 10.33	
DRILLING METHOD: Roto Sonic		NORTHING: 562380.63	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521566.05	
NOTES: Flush Mount Surface Completion (TOC Elevation: 10.06)		GROUNDWATER LEVEL (24 hr): 7.12	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0-1 ft BGS	GP		Gravel: Gray, Dry	10	
							Concrete Slab		Bentonite
5			2.0	Soil Sample Collected 4-5 ft BGS	GC		Clayey Gravel: Reddish Brown, Damp	5	2"-diam PVC Casing
			6.2		GM		Silty Gravel: Gray, Dry		
10			0.0		SC		Clayey Sand: Fine Grained Sand, Dark Gray, Moist	0	
			0.0		GP		Gravel and Wood: Dark Gray, Wet		Sand Pack
			0.0		CL		Silty Sandy Clay: Fine Grained Sand, Dark Gray, Wet		Slotted PVC Screen
15			0.0		SM		Silty Sand: Fine Grained Sand, Dark Gray, Wet, Wood	-5	
			0.0	Borehole Terminated at 17.5 ft BGS	CH		Clay: Fat, Dark Gray, Wet, Wood		

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-21

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/25/26
12 ft. Date Completed: 03/25/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 2 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

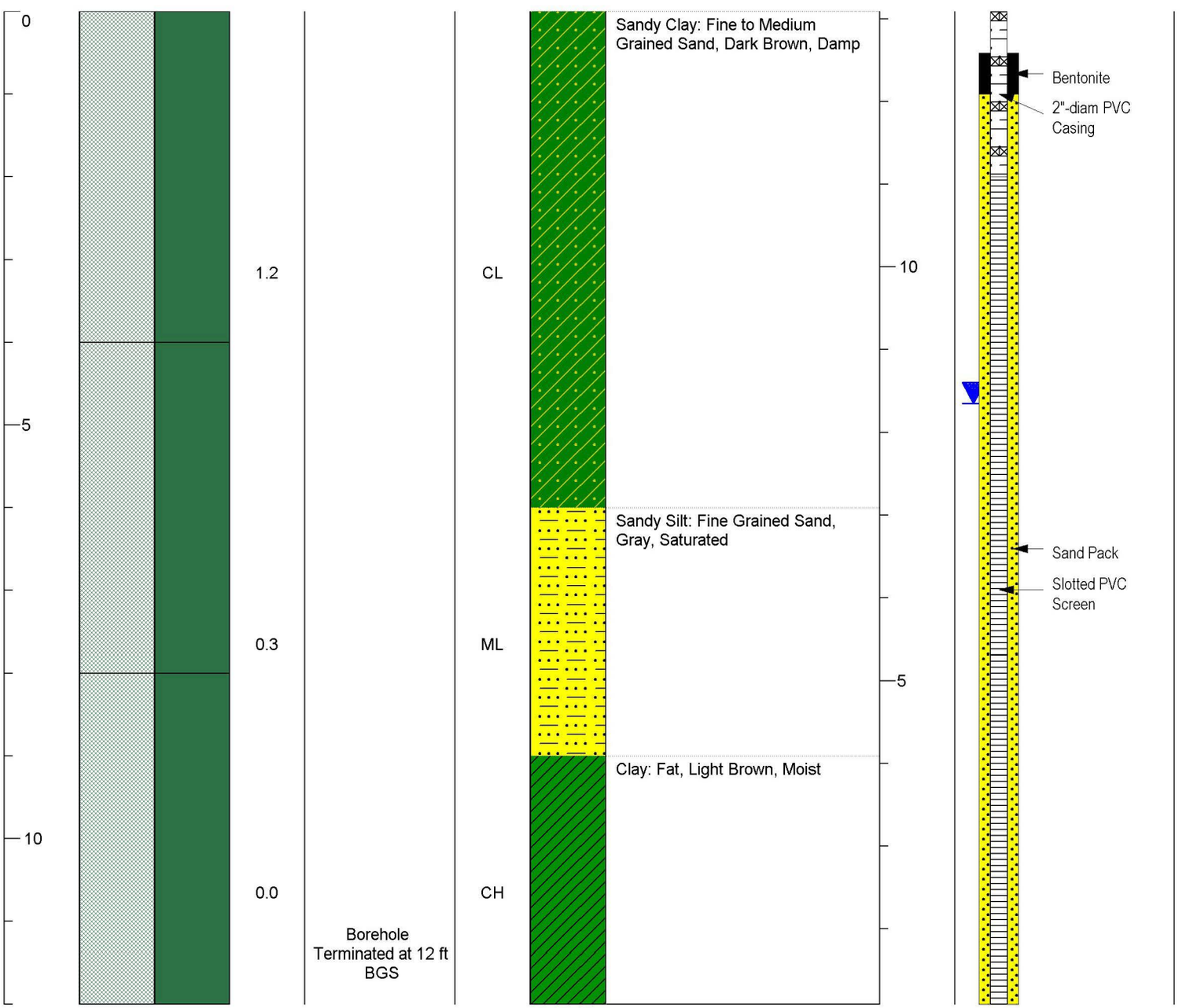
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-21

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/25/2026	COMPLETED: 3/26/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 13.09	
DRILLING METHOD: DPT, HSA		NORTHING: 560632.48	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521376.23	
NOTES: Flush Mount Surface Completion (TOC Elevation: 12.86)		GROUNDWATER LEVEL (24 hr): 4.74	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			1.2		CL		Sandy Clay: Fine to Medium Grained Sand, Dark Brown, Damp	10	Bentonite; 2"-diam PVC Casing
5			0.3		ML		Sandy Silt: Fine Grained Sand, Gray, Saturated	5	Sand Pack; Slotted PVC Screen
10			0.0	Borehole Terminated at 12 ft BGS	CH		Clay: Fat, Light Brown, Moist		



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-22

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/25/26
13.5 ft. Date Completed: 03/26/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.5 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.5 ft. and 3.5 ft. **NOTE: MULTIPLE SCREENS**
_____ ft. and _____ ft. **USE SECOND SHEET**
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.5 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

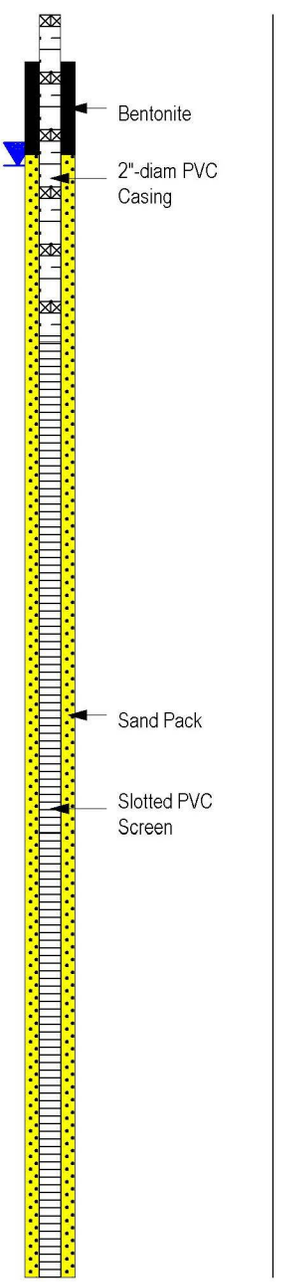
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-22 / SB-47

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/25/2026	COMPLETED:	3/26/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	7.25		
DRILLING METHOD:	DPT, HSA	NORTHING:	560475.53
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521682.66		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 6.96)	GROUNDWATER LEVEL (24 hr):	1.62

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.0	Soil Sample Collected 0.5-1 ft BGS	GC		Gravel		
							Gravelly Sandy Clay: Medium to Coarse Grained Sand, Pinkish Brown, Moist		
			1.7		GC		Gravelly Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Moist		
				Soil Sample Collected 2-3 ft BGS				5	
			1.9		GC		Gravelly Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Moist		
							Gravelly Clayey Sand: Fine to Medium Grained Sand, Dark Brown, Wet		
5									
			1.3		GC				
								0	
							Sandy Silt with Clay: Fine Grained Sand, Dark Brown, Saturated		
10			1.6		ML				
							Sandy Silt with Clay: Fine Grained Sand, Dark Red, Saturated		
				Borehole Terminated 13.5 ft BGS				-5	
			2.0		ML				



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-23

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/25/26
8 ft. Date Completed: 03/25/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 8 ft. and 3 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 8 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-23 / SB-43

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/25/2026	COMPLETED:	3/26/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	15.15		
DRILLING METHOD:	HSA, Hand Auger		
NORTHING:	561291.96		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2521146.16		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 15.15)		
GROUNDWATER LEVEL (24 hr):	6.18		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.3	Soil Sample Collected 0-1 ft BGS	CL		Sandy Clay: Fine to Medium Grained Sand, Reddish Brown, Damp	15	Bentonite; 2"-diam PVC Casing
			0.2	Soil Sample Collected 2-3 ft BGS	SM-SC		Silty Clayey Sand: Fine Grained Sand, Dark Brown, Damp		
							Concrete Slab		
5			2.8		SP		Sand: Fine Grained, Grayish Brown, Moist	10	Sand Pack; Slotted PVC Screen
			0.3	Borehole Terminated 8 ft BGS (Auger Refusal)	SC		Clayey Sand with Gravel: Fine Grained Sand, Grayish Brown, Wet		

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-24

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/17/26
12 ft. Date Completed: 03/23/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 2 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 12 ft. and 2 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 12 ft. to 1 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-24 / SB-25

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/17/2026	COMPLETED:	3/19/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Robert Gardner	CERT. NO.:	1837
GROUND SURFACE ELEVATION:	14.30		
DRILLING METHOD:	HSA, Hand Auger		
NORTHING:	561721.86		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2520869.26		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 14.02)		
GROUNDWATER LEVEL (24 hr):	5.95		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			0.6	Soil Sample Collected 2.5-3 ft BGS	GP		Asphalt		Bentonite
							Sandy Gravel: Medium Grained Sand, Dark Brown, Damp		2"-diam PVC Casing
							Asphalt		
			0.8	Soil Sample Collected 4-4.5 ft BGS	SC		Clayey Sand: Fine to Medium Grained Sand, Light Brown, Damp	10	
5									
			0.1		SC		Clayey Sand: Fine Grained Sand, Grayish Brown, Moist		Sand Pack
			0.1		CL		Sandy Clay: Fine Grained Sand, Grayish Brown, Wet		Slotted PVC Screen
							Sandy Clay: Fine Grained Sand, Gray, Wet	5	
10			0.0	Borehole Terminated 12 ft BGS	CL				

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-25

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/18/26
13.5 ft. Date Completed: 03/24/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.5 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.5 ft. and 3.5 ft. **NOTE: MULTIPLE SCREENS**
_____ ft. and _____ ft. **USE SECOND SHEET**
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.5 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

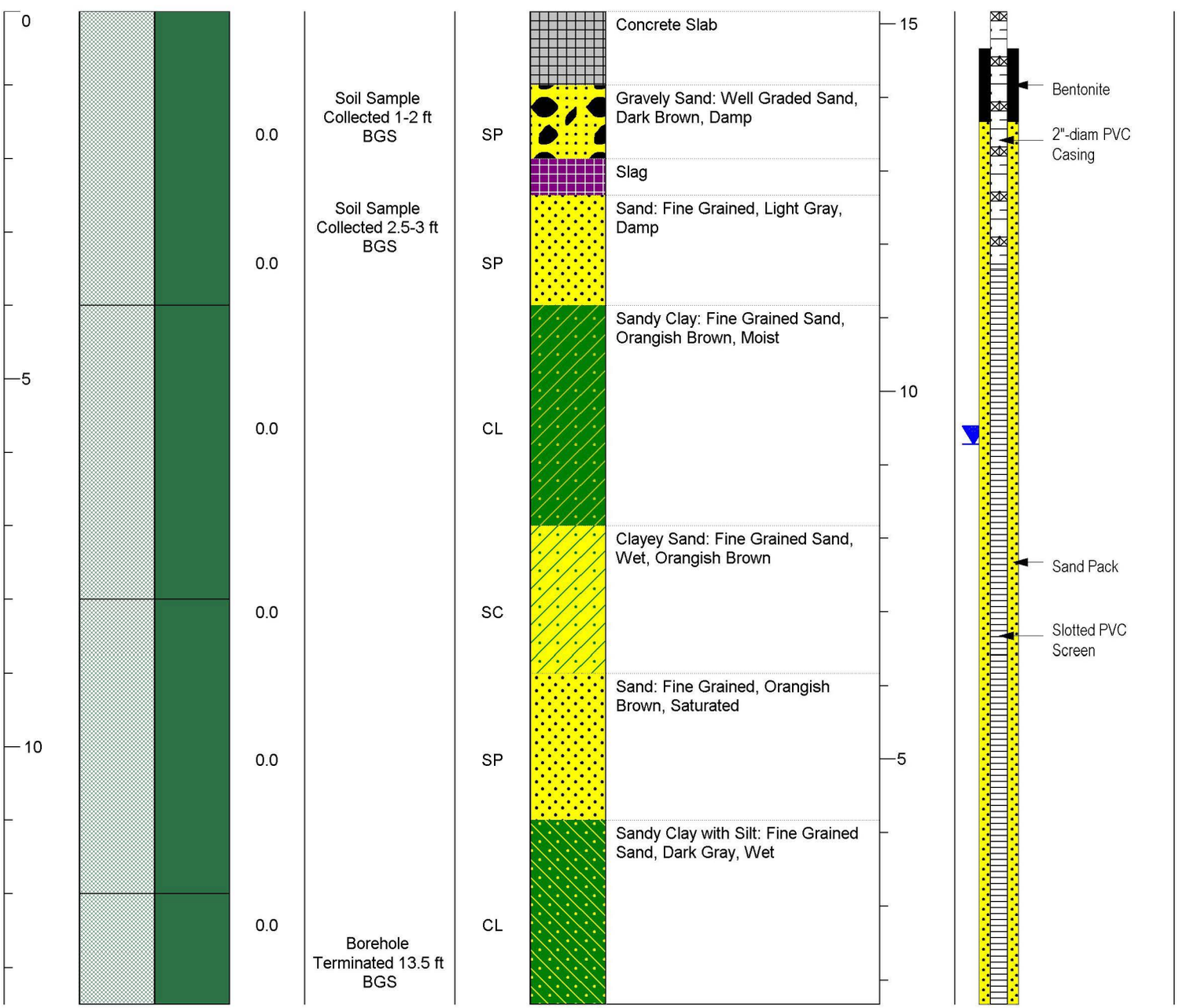
GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-25 / SB-40

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	3/18/2026	COMPLETED: 3/19/2026	BOREHOLE DIAMETER: 8"
DRILLER:	Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 15.17
DRILLING METHOD:	DPT, HSA		NORTHING: 561957.20
LOGGED BY:	Bastian	APPROVED BY: Putney	EASTING: 2520771.00
NOTES:	Flush Mount Surface Completion (TOC Elevation: 14.92)		GROUNDWATER LEVEL (24 hr): 5.89



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-26

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/26/26
13.5 ft. Date Completed: 03/27/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3.5 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13.5 ft. and 3.5 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13.5 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-26 / SB-29

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/27/2026	COMPLETED: 3/27/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 19.12	
DRILLING METHOD: HSA, Hand Auger		NORTHING: 562454.74	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2520549.29	
NOTES: Flush Mount Surface Completion (TOC Elevation: 18.78)		GROUNDWATER LEVEL (24 hr): 8.81	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0							Asphalt		Bentonite
			1.5	Soil Sample Collected 1.5-2 ft BGS	SM-SC		Silty Sand with Clay: Fine Grained Sand, Black, Dry		2"-diam PVC Casing
			1.2		SC		Clayey Sand: Fine Grained Sand, Light Brown, Damp		
				Soil Sample Collected 3-4 ft BGS			Sandy Clay: Fine Grained Sand, Light Brown, Damp		
			1.5		CL			15	
5							Sandy Clay: Fine Grained Sand, Orangish Brown, Moist		
			2.2		CL				Sand Pack
							Clayey Sand: Fine Grained Sand, Tan, Moist		Slotted PVC Screen
			1.8		SC			10	
10							Sand: Fine Grained, Grayish Brown, Wet		
			1.7		SP				
				Borehole Terminated 13.5 ft BGS					

SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:
Name: Liberty River, LLC (last) (first)
Address: 10 State Hwy 35, Suite 100
City: Red Bank State: NJ Zip: 07701-0000
Telephone: Work: (732) 268-7104 Home:

2. LOCATION OF WELL: **COUNTY:** Georgetown
Name: Liberty Steel
Street Address: 1227 Front Street
City: Georgetown Zip: 29440-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Log		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
LS-MW-27

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/24/26
13 ft. Date Completed: 03/25/26

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2-inch
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 3 ft. depth
_____ in. to _____ ft. depth
Height: Above / Below Surface
Weight _____ ft.
Drive Shoe? _____ lb./ft.
☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2-inch
Slot/Gauge: 0.010 Length: 10'
Set Between: 13 ft. and 3 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

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

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13 ft. to 1.5 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☑ Other Concrete
Depth: From 1.5 ft. to LS ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☑
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Robby Gardner **CERT. NO.:** 1837
Address: (Print) Level: A B C D ✓ (circle one)
2040 Savage Road
Charleston, SC 29407
Telephone No.: (843)769-7378 Fax No.: (843)769-7397

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

Signed: Robby Gardner Digitally signed by Robby Gardner Date: 2026.06.03 16:07:17 -04'00' Date: 6/3/26
Well Driller

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

COPY 1 MAIL TO SCDES, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

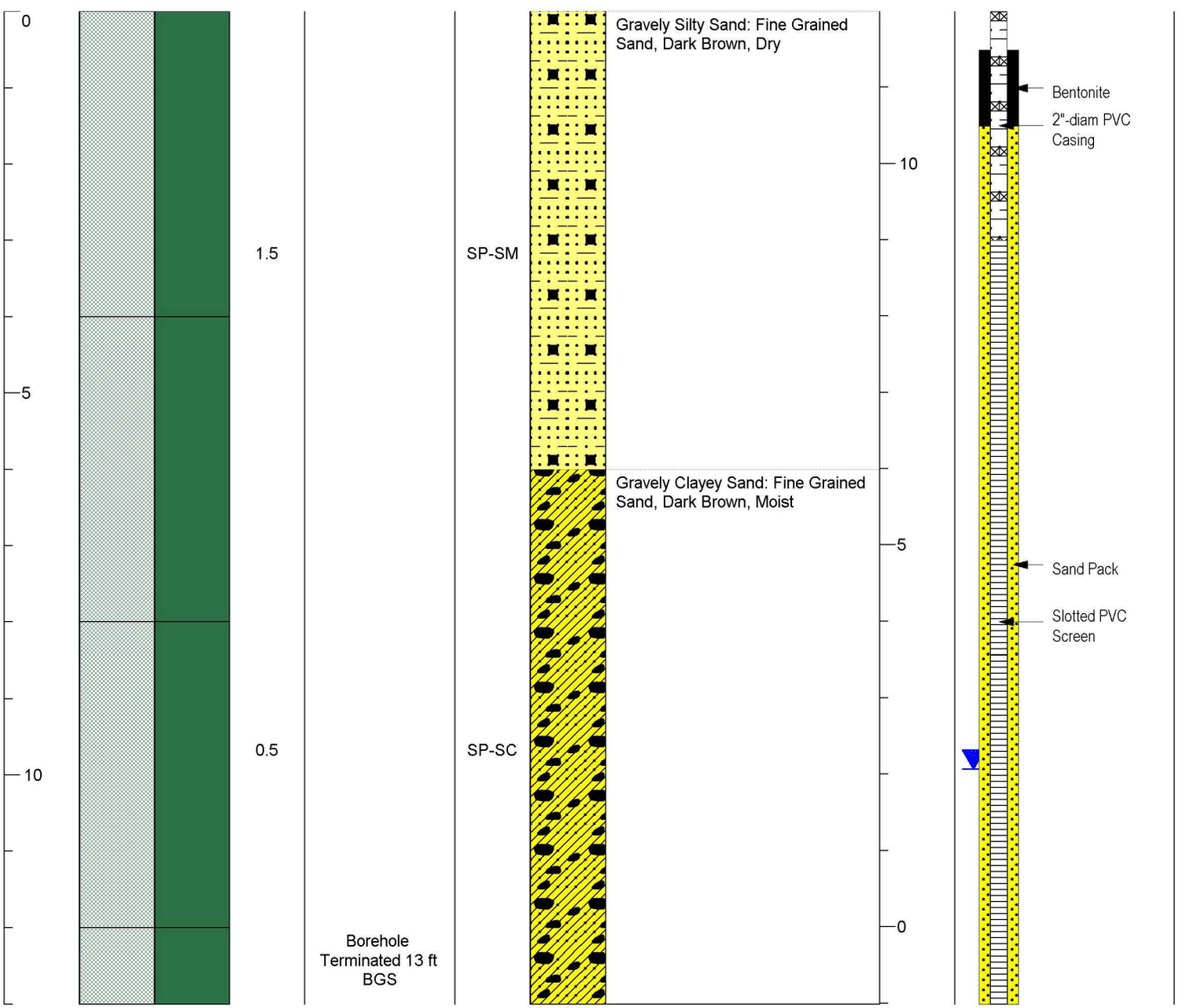
2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-27

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 3/24/2026	COMPLETED: 3/27/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Robert Gardner	CERT. NO.: 1837	GROUND SURFACE ELEVATION: 11.99	
DRILLING METHOD: DPT, HSA		NORTHING: 562046.22	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2521447.16	
NOTES: Flush Mount Surface Completion (TOC Elevation: 11.79)		GROUNDWATER LEVEL (24 hr): 9.92	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			1.5		SP-SM		Gravely Silty Sand: Fine Grained Sand, Dark Brown, Dry	10	Bentonite 2"-diam PVC Casing
5							Gravely Clayey Sand: Fine Grained Sand, Dark Brown, Moist	5	Sand Pack Slotted PVC Screen
10			0.5	Borehole Terminated 13 ft BGS	SP-SC			0	



SC DEPARTMENT of ENVIRONMENTAL SERVICES

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

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

1. WELL OWNER INFORMATION:

NAME: Liberty River, LLC

ADDRESS: 10 State Hwy 35 Suite 100

CITY: Red Bank *STATE: NJ* *ZIP: 07701*

TELEPHONE WORK: *HOME: 732-768-7104*

2. LOCATION OF WELL: **County: Georgetown**

Name: **Liberty Steel**
Street Address: **420 South Hazard Street**
City: **Georgetown** Zip: **29440**

Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** LS-MW-28D

4. ABANDONMENT: ☐ Yes ☑ No

Give Details Below

Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum (ft)
See geologists logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

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

7. PERMIT NUMBER: VCC 25-8848-NRP

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 31.0 ft. Date Started: 6-3-2026 Date Completed: 6-3-2026

10. CASING: ☑ Threaded ☐ Welded
Diam. 2.0 in.
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0.0 in. to 26.0 ft. depth
_____ in. to _____ ft. depth

Height: Above / (Below)
Surface _____ ft.
Weight _____ lb/ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam: 2
Slot/Gauge: .010 Length: 5.0
Set Between: 26.0 ft. and 31.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 15.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☑ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 24.0 ft. to 31.0 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 24.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ Direction
Type _____
Well Disinfected ☐ Yes ☑ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☑
Mfr. Name _____ Model No. _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Isaac McClintock **CERT. NO.: 2447-D**
Address: 9088 Northfield Drive, Fort Mill, South Carolina, United States, 29707
Level: A B C Ⓓ (circle one)
Telephone No.: (803) 548-2180 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION:
This well was drilled under my direction and this report is true to the best of my knowledge a belief.
Signed: ***Isaac McClintock*** Date: 7/1/2026

if D Level Driller, provide supervising driller's name: Richy Lemire

COPY 1 MAIL TO SCDHEC • COPY 2 TO WELL OWNER • COPY 3 TO WELL DRILLER

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-28D

PERMIT NO:	MW-00947	PERMIT DATE:	3/11/2026
CLIENT:	Liberty River, LLC	PROJECT NAME:	Liberty Steel VCC Baseline Assessment
PROJECT NO.:	RVDE00226	PROJECT LOCATION:	Georgetown, SC
DATE STARTED:	6/1/2026	COMPLETED:	6/2/2026
BOREHOLE DIAMETER:	8"		
DRILLER:	Isaac McClintock	CERT. NO.:	2447
GROUND SURFACE ELEVATION:	13.50		
DRILLING METHOD:	DPT, HSA		
NORTHING:	562064.98		
LOGGED BY:	Bastian	APPROVED BY:	Putney
EASTING:	2520980.86		
NOTES:	Flush Mount Surface Completion (TOC Elevation: 13.15)		
GROUNDWATER LEVEL (24 hr):	9.04		

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
0			211		SW		Concrete Slab	10	Grout
5			43.6		SW-SC		Gravely Sand: Well Graded Sand, Gray, Damp	5	
10			0.0		SM		Gravely Sand with Clay: Well Graded Sand, Gray, Wet	0	2"-diam PVC Casing
			0.0		CH		Silty Sand: Fine Grained Sand, Dark Brown, Wet	-5	
15			0.0		CH		Clay: Fat, Light Gray, Wet		Bentonite
							Clay with Sand: Fat, Fine Grained Sand, Gray, Wet		
							Clay with Sand: Fat, Fine Grained Sand, Gray, Wet		

GEL Engineering LLC
a Member of The GEL Group, Inc.
ENVIRONMENTAL | ENGINEERING | SURVEYING
problem solved

2040 Savage Road
Charleston, SC 29407
(843) 769-7378 Fax (843) 769-7397
www.gel.com

SOIL BORING / MONITORING WELL ID:

LS-MW-28D

PERMIT NO: MW-00947		PERMIT DATE: 3/11/2026	
CLIENT: Liberty River, LLC		PROJECT NAME: Liberty Steel VCC Baseline Assessment	
PROJECT NO.: RVDE00226		PROJECT LOCATION: Georgetown, SC	
DATE STARTED: 6/1/2026	COMPLETED: 6/2/2026	BOREHOLE DIAMETER: 8"	
DRILLER: Isaac McClintock	CERT. NO.: 2447	GROUND SURFACE ELEVATION: 13.50	
DRILLING METHOD: DPT, HSA		NORTHING: 562064.98	
LOGGED BY: Bastian	APPROVED BY: Putney	EASTING: 2520980.86	
NOTES: Flush Mount Surface Completion (TOC Elevation: 13.15)		GROUNDWATER LEVEL (24 hr): 9.04	

Depth (FT)	Sample No.	Recovery %	PID (ppm)	Tests	USCS	Graphic Log	Lithology Description	Elevation	Well Construction
20			0.0		CH		Clayey Sand: Fine Grained Sand, Light Gray, Wet	-10	Sand Pack
25			0.0		SC		Sand with Silt: Fine Grained Sand, Light Gray, Wet		Slotted PVC Screen
30			0.0		SM		Siltstone: Dark Gray, Dry	-15	Sand Pack
35			0.0	Borehole Terminated 37 ft BGS, Well Set 31 ft BGS			Limestone: Light Gray / White, Dry	-20	Bentonite

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 4/9/2026
Field Personnel Heath Lowry
Facility Name Liberty Steel
EPA I.D.# N/A Well I.D # LS-MW-01
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ✓
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ___ °C Proj. Mgr. ___
Total Well Depth (TWD) = 13.46 Casing / Protective Casing
Depth to Groundwater (DGW)= 6.27 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 7.19 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.17 gallons
3 Casing Volumes = 3.51 gal = Standard Evacuation Volume
Method of Well Evacuation Peristaltic Pump/ Submersible Pump/ Bailor
Method of Sample Collection Peristaltic Pump/ Submersible Pump/ Bailor
Total Volume of Water Removed ~5.0 gallons

Casing Diameter 1/ 2 / 4 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments: ___

pH Meter Model #: yokogawa_ph72 SC Meter Model #: yokogawa sc72
pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5				
Time (military)	1024	1030	1036				
pH (s.u.)	6.9	6.7	6.7				
Specific Cond. (µmhos/cm)	982	1058	998				
Water Temp (°C)	21.5	21.8	21.8				
Turbidity (NTU)	22.8	11.0	8.2				

Sample Time: 1046 Sample Date: ~~03/01/26~~ 4/9/26 Sampled By: HHL Reviewed By: ___

COMMENTS/OBSERVATIONS: ___

fldinfo 2/88

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: Liberty Steel
Project Code: RVDE00226
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 1218 Sample Date: 3/24/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-02	3/24/26 1208	6.7	15.8	326.0	88.9

GEL Engineering, LLC

Low Purge Groundwater
Sample Collection Data Sheet

Client Name: River Development Equities
Project Code: rvde00226
Facility Address: Georgetown, SC

Technician(s): Carol Sandel, Matthew Swanson
Sample Date: 06/08/26
Date Completed: 06/08/26

Sample Time: 1325
Time Completed: 1325

Well Number: LS-TW-03
Depth to Water: 5.00
Depth to Water (End): 5.86
Total Well Depth (ft):
Pump Used: (Peristaltic) / Sub Pump
Meter Model Number: YSI Pro
Seal Number: N/A

Well Diameter (Inches): 2
One Casing Volume (Start): (gal)
One Casing Volume (End): (gal)
Pumping Rate (ml/min): ~125
Weather Conditions: Clear, Hot, Windy
Meter Serial Number: 22F101928
Comments: N/A

Time	Temp (°C)	pH	SC (µs/cm)	DO (mg/l)	Redox	DGW (1/100 ft)	Turbidity (NTU)
1250	25.5	9.2	1018	0.74	69.2	5.41	170
1255	25.2	9.3	1015	0.19	26.4	5.44	189
1300	25.3	9.6	1022	0.22	32.3	5.61	35.5
1305	25.5	9.5	1063	0.20	32.6	5.74	16.2
1310	25.5	9.5	1065	0.19	30.8	5.86	10.8

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652 gal/ linear ft, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy)	4 / 9 /2026	Casing Diameter	2 inches
Field Personnel	Bastian	Casing Material	PVC
Facility Name	Liberty Steel	Measuring Point Elevation:	Top of Casing 1/100 ft.
EPA I.D.#		Well I.D #	LS-MW-04
Upgradient ___	Downgradient ___	Upright ___ Flush Mount	X
Weather Conditions:	Rain / Clear / Windy / Cloudy / Hot / Cold	Steel Guard Pipe Around Casing	YES ✓ NO ___
Air Temperature	°C	Proj. Mgr.	Locking Cap YES ✓ NO ___
Total Well Depth (TWD) =	13.76	Casing / Protective Casing	Protective Abutment YES ✓ NO ___
Depth to Groundwater (DGW)=	7.44	Casing / Protective Casing	Well Integrity Satisfactory YES ✓ NO ___
Length of Water Column LWC) = TWD-DGW =	6.32	1/100 ft.	Well Yeild (Circle) Low ___ Mod ✓ High ___
1 Casing Volume (OCV) = LWC x 0.163 =	1.03	gallons	Comments:
3 Casing Volumes =	3.09 gal = Standard Evacuation Volume		
Method of Well Evacuation	peri pump		
Method of Sample Collection	peri pump		
Total Volume of Water Removed	3.75	gallons	

Yokogawa pH Model:	pH72	pH Serial #:	E006126	
Yokogawa SC Model:	SC72	SC Serial #:	E005279	

FIELD ANALYSIS

Volume Purged (gallons)	1.25	2.5	3.75				
Time (military)	1155	1200	1205				
pH (s.u.)	7.5	7.5	7.4				
Specific Cond. (µmhos/cm)	301	294	288				
Water Temp (°C)	17.2	17.2	16.9				
Turbidity (NTU)	15.4	7.09	5.38				

Sample Time: 1210 Sample Date: 4 / 9 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy): 4/7/2026
Field Personnel: Heath Lowry
Facility Name: Liberty Steel
EPA I.D.#: N/A
Well I.D #: LS-MW-05
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ✓
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ___ °C Proj. Mgr. RG
Total Well Depth (TWD) = 13.40 Casing / Protective Casing
Depth to Groundwater (DGW)= 5.87 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 7.53 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.23 gallons
3 Casing Volumes = 3.69 gal = Standard Evacuation Volume
Method of Well Evacuation: Peristaltic Pump/ Submersible Pump/ Bailor
Method of Sample Collection: Peristaltic Pump/ Submersible Pump/ Bailor
Total Volume of Water Removed: ~5.0 gallons

Casing Diameter: 1/ 2/ 4 inches
Casing Material: PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing: YES ✓ NO ___
Locking Cap: YES ✓ NO ___
Protective Abutment: YES ✓ NO ___
Well Integrity Satisfactory: YES ✓ NO ___
Well Yeild (Circle): Low ___ Mod ✓ High ___

Comments:

pH Meter Model #: yokogawa ph72 SC Meter Model #: yokogawa sc72
pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5				
Time (military)	1355	1405	1415				
pH (s.u.)	7.2	7.0	7.0				
Specific Cond. (µmhos/cm)	304	313	315				
Water Temp (°C)	22.3	22.1	22.0				
Turbidity (NTU)	20.4	6.8	3.4				

Sample Time: 1425 Sample Date: ~~03/01/26~~ 4/7/26 Sampled By: HHL Reviewed By: ___

COMMENTS/OBSERVATIONS:

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: :Liberty Steel
Project Code: RVDE00226
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 1420 Sample Date: 4/6/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-06	4/6/26 1357	7.2	21.9	707.0	266.0

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: :Liberty Steel
Project Code: RVDE00226
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 0830 Sample Date: 4/7/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-07	4/7/26 0801	9.0	HL ~~4.0~~ 18.7	692	234

GEL Engineering, LLC

Low Purge Groundwater
Sample Collection Data Sheet

Client Name: River Development Equities
Project Code: rvde00226
Facility Address: Georgetown, SC

Technician(s): Carol Sandel, Matthew Swanson
Sample Date: 06/08/26
Date Completed: 06/08/26

Sample Time: 1246
Time Completed: 1240

Well Number: LS-TW-08
Depth to Water: 4,99
Depth to Water (End): 5,60
Total Well Depth (ft):
Pump Used: Peristaltic/ Sub Pump
Meter Model Number: YSI Pro
Seal Number: N/A

Well Diameter (Inches): 2
One Casing Volume (Start): (gal)
One Casing Volume (End): (gal)
Pumping Rate (ml/min): M125
Weather Conditions: Clear, Hot, windy
Meter Serial Number: 22F101928
Comments: N/A

Time	Temp (°C)	pH	SC (µs/cm)	DO (mg/l)	Redox	DGW (1/100 ft)	Turbidity (NTU)
1206	22,9	8,9	675	0,34	25,8	5,55	>1000
1211	22,7	8,7	570	0,41	-25,4	5,57	345
1216	22,6	8,7	560	0,27	-38,1	5,59	186
1221	22,8	8,7	560	0,26	-41,2	5,60	198
1226	22,8	8,8	557	0,25	-38,7	5,60	175

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652 gal/ linear ft, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: :Liberty Steel
Project Code: RVPE00826
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 1315 Sample Date: 4/6/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-09	4/6/26 1304	7.6	20.3	853	82.3

- Finished @ 1350, went dry several times

GEL Engineering, LLC

Grab Sample Data Sheet

Client Name: Liberty Steel

Project Code: RVDE00226

Facility Address: Georgetown, SC

Technician(s): Heath lowry

Sample Time: 1400 Sample Date: 3/24/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721

pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-10	3/24/26 1400	6.2	16.6	352	223

Duplicate taken @ 1410, LS-TW-10-DP

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: :Liberty Steel
Project Code: RVDE00226
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 0954 Sample Date: 4/7/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-11	4/7/26 0921	7.4	17.6	464	333

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: :Liberty Steel
Project Code: RVDE00226
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 0919 Sample Date: 4/7/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-12	4/7/26 0844	6.9	16.6	1000	515

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: Liberty Steel
Project Code: RVDE00226
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 1055 Sample Date: 3/24/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-13	3/24/26 1033	6.8	14.7	137.0	197

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ___

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy): 4/ 7 /2026
Field Personnel: Heath Lowry
Facility Name: Liberty Steel
EPA I.D.#: N/A Well I.D #: LS-MW-14
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ✓
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ___ °C Proj. Mgr. RG
Total Well Depth (TWD) = 13.23 Casing / Protective Casing
Depth to Groundwater (DGW)= 10.44 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 2.79 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 0.45 gallons
3 Casing Volumes = 1.35 gal = Standard Evacuation Volume
Method of Well Evacuation: Peristaltic Pump/ Submersible Pump/ Bailor
Method of Sample Collection: Peristaltic Pump/ Submersible Pump/ Bailor
Total Volume of Water Removed: ~2.0 gallons

Casing Diameter: 1/ 2 / 4 inches
Casing Material: PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing: YES ✓ NO ___
Locking Cap: YES ✓ NO ___
Protective Abutment: YES ✓ NO ___
Well Integrity Satisfactory: YES ✓ NO ___
Well Yeild (Circle): Low ___ Mod ✓ High ___
Comments: ___

pH Meter Model #: yokogawa_ph72 SC Meter Model #: yokogawa sc72
pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	0.5	1.0	1.5				
Time (military)	1151	1159	1207				
pH (s.u.)	6.7	6.8	6.8				
Specific Cond. (µmhos/cm)	515	523	523				
Water Temp (°C)	18.7	18.8	18.7				
Turbidity (NTU)	11.9	6.2	3.7				

Sample Time: 1217 Sample Date: ~~03/01/26~~ 4/7/26 Sampled By: HHL Reviewed By: ___

COMMENTS/OBSERVATIONS: ___

fldinfo 2/88

GEL Engineering, LLC
Grab Sample Data Sheet

Client Name: :Liberty Steel
Project Code: RVDE00226
Facility Address: Georgetown, SC

Technician(s): Heath lowry
Sample Time: 1040 Sample Date: 4/7/26

pH Meter Model Number: Yokogawa pH72 SC Meter Model Number: E008721
pH Meter Serial Number: Yokogawa SC72 SC Meter Serial Number: E007520

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-TW-15	4/7/26 1020	HL ~~352~~ 7.5	17.1	352	91.3

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ___

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy)	4/9/2026	Casing Diameter	1/2/4 inches
Field Personnel	Heath Lowry	Casing Material	PVC
Facility Name	Liberty Steel	Measuring Point Elevation:	Top of Casing 1/100 ft.
EPA I.D.#	N/A	Well I.D #	LS-MW-16
Steel Guard Pipe Around Casing		YES ✓	NO ___
Upgradient ___	Downgradient ___	Upright ___ Flush Mount ✓	
Locking Cap		YES ✓	NO ___
Weather Conditions:	Rain / Clear / Windy / Cloudy / Hot / Cold		
Protective Abutment		YES ✓	NO ___
Air Temperature	°C	Proj. Mgr. RG	
Well Integrity Satisfactory		YES ✓	NO ___
Total Well Depth (TWD) =	13.45	Casing / Protective Casing	
Well Yeild (Circle)	Low ___	Mod ✓	High ___
Depth to Groundwater (DGW)=	4.57	Casing / Protective Casing	
Length of Water Column LWC) = TWD-DGW =	8.88	1/100 ft.	
Comments:			
1 Casing Volume (OCV) = LWC x 0.163	= 1.45	gallons	
3 Casing Volumes =	4.35	gal = Standard Evacuation Volume	
Method of Well Evacuation	Peristaltic Pump/ Submersible Pump/ Bailor		
Method of Sample Collection	Peristaltic Pump/ Submersible Pump/ Bailor		
Total Volume of Water Removed	~5.0	gallons	

pH Meter Model #: yokogawa_ph72 SC Meter Model #: yokogawa sc72

pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5				
Time (military)	1223	1230	1237				
pH (s.u.)	9.6	9.9	9.9				
Specific Cond. (µmhos/cm)	223	221	216.5				
Water Temp (°C)	19.3	19.1	19.1				
Turbidity (NTU)	10.9	8.6	9.3				

Sample Time: 1247 Sample Date: ~~03/01/26~~ 4/9/26 Sampled By: HHL Reviewed By: ___

COMMENTS/OBSERVATIONS: ___

fldinfo 2/88

GEL Engineering, LLC

Low Purge Groundwater
Sample Collection Data Sheet

Client Name: River Development Equities
Project Code: rvde00226
Facility Address: Georgetown, SC

Technician(s): Carol Sandel, Matthew Swanson
Sample Date: 06/08/26
Date Completed: 06/08/26

Sample Time: 1012
Time Completed: 1012

Well Number: LS-MW17
Depth to Water: 6.64
Depth to Water (End): 7.68
Total Well Depth (ft):
Pump Used: Peristaltic / Sub Pump
Meter Model Number: YSI Pro
Seal Number: N/A

Well Diameter (Inches): 2
One Casing Volume (Start): (gal)
One Casing Volume (End): (gal)
Pumping Rate (ml/min): ~125
Weather Conditions: Clear, Hot, Windy
Meter Serial Number: 22F101928
Comments: N/A

Time	Temp (°C)	pH	SC (µs/cm)	DO (mg/l)	Redox	DGW (1/100 ft)	Turbidity (NTU)
0937	24.2	8.8	116	1.17	11.7	6.95	92.2
0942	23.7	9.5	105	0.26	-14.4	7.60	82.6
0947	23.6	9.7	103	0.17	-10.0	7.65	27.5
0952	23.6	9.8	98.5	0.16	2.6	7.65	17.2
0957	23.7	9.8	96.9	0.15	3.5	7.68	10.8

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652 gal/ linear ft, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

GEL Engineering, LLC

Low Purge Groundwater

Sample Collection Data Sheet

Client Name: River Development Equities
Project Code: rvde00226
Facility Address: Georgetown, SC

Technician(s): Carol Sandel, Matthew Swanson
Sample Date: 06/05/26
Date Completed: 06/05/26

Sample Time: 1103
Time Completed: 1103

Well Number: LS-MW-18
Depth to Water: 8.94
Depth to Water (End): 7.65
Total Well Depth (ft):
Pump Used: Peristaltic / Sub Pump
Meter Model Number: YSI Pro
Seal Number: N/A

Well Diameter (Inches): 2
One Casing Volume (Start): (gal)
One Casing Volume (End): (gal)
Pumping Rate (ml/min): ~125
Weather Conditions: Clear, Hot, Windy
Meter Serial Number: 22F101928
Comments: N/A

Time	Temp (°C)	pH	SC (µs/cm)	DO (mg/l)	Redox	DGW (1/100 ft)	Turbidity (NTU)
1023	26.6	7.21	70.1	0.65	-84.8	7.49	87.7
1028	26.7	7.20	70.0	0.54	-104	7.50	62.0
1033	26.6	7.2	69.7	0.54	-102	7.58	42.3
1038	26.7	7.3	69.7	0.42	-102	7.63	28.9
1043	26.6	7.3	69.7	0.43	-102	7.65	9.94

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652 gal/ linear ft, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

GEL Engineering, LLC

Low Purge Groundwater

Sample Collection Data Sheet

Client Name: River Development Equities
Project Code: rvde00226
Facility Address: Georgetown, SC

Technician(s): Carol Sandel, Matthew Swanson
Sample Date: 06/08/26
Date Completed: 06/08/26

Sample Time: 1149
Time Completed: 1149

Well Number: LS-MW-19
Depth to Water: 5.58
Depth to Water (End): 6.23
Total Well Depth (ft):
Pump Used: (Peristaltic) / Sub Pump
Meter Model Number: YSI Pro
Seal Number: N/A

Well Diameter (Inches): 2
One Casing Volume (Start): (gal)
One Casing Volume (End): (gal)
Pumping Rate (ml/min): ~125
Weather Conditions: Clear, Hot, Windy
Meter Serial Number: 22F101928
Comments: N/A

Time	Temp (°C)	pH	SC (µs/cm)	DO (mg/l)	Redox	DGW (1/100 ft)	Turbidity (NTU)
1114	24.8	9.3	680	0.15	-85.5	5.68	>1000
1119	24.8	9.4	690	0.06	-113	5.87	>1000
1124	24.6	9.4	684	0.03	-149	6.01	>1000
1129	25.0	9.3	686	0.03	-153	6.09	281
1134	25.2	9.3	691	0.03	-156	6.19	265
1139	25.3	9.3	689	0.03	-161	6.23	249

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652 gal/ linear ft, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

GEL Engineering, LLC

Low Purge Groundwater

Sample Collection Data Sheet

Client Name: River Development Equities
Project Code: rvde00226
Facility Address: Georgetown, SC

Technician(s): Carol Sandel, Matthew Swanson
Sample Date: 06/08/26
Date Completed: 06/08/26

Sample Time: 0920
Time Completed: 0920

Well Number: LS-MW-20
Depth to Water: 7.10
Depth to Water (End): 8.34
Total Well Depth (ft):
Pump Used: Peristaltic / Sub Pump
Meter Model Number: YSI Pro
Seal Number: N/A

Well Diameter (Inches): 2
One Casing Volume (Start): (gal)
One Casing Volume (End): (gal)
Pumping Rate (ml/min): ~125
Weather Conditions: Clear, Hot, Windy
Meter Serial Number: 22F101928
Comments: N/A

Time	Temp (°C)	pH	SC (µs/cm)	DO (mg/l)	Redox	DGW (1/100 ft)	Turbidity (NTU)
0848	23.2	6.5	193	1.48	-50.4	7.10	47.7
0853	22.9	6.5	199	0.26	-83.5	7.20	16.7
0858	22.9	6.5	203	0.17	-90.1	7.66	24.1
0903	22.7	6.5	206	0.13	-93.4	8.01	10.4
0908	22.8	6.5	207	0.12	-96.0	8.34	9.61

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652 gal/ linear ft, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy): 4/9/2026
Field Personnel: Heath Lowry
Facility Name: Liberty Steel
EPA I.D.#: N/A
Well I.D #: LS-MW-21
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ✓
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ___ °C Proj. Mgr. RG
Total Well Depth (TWD) = 12.36 Casing / Protective Casing
Depth to Groundwater (DGW)= 4.18 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 8.18 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.33 gallons
3 Casing Volumes = 3.99 gal = Standard Evacuation Volume
Method of Well Evacuation: Peristaltic Pump/ Submersible Pump/ Bailor
Method of Sample Collection: Peristaltic Pump/ Submersible Pump/ Bailor
Total Volume of Water Removed: ~5.0 gallons

Casing Diameter: 1/ 2 / 4 inches
Casing Material: PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing: YES ✓ NO ___
Locking Cap: YES ✓ NO ___
Protective Abutment: YES ✓ NO ___
Well Integrity Satisfactory: YES ✓ NO ___
Well Yeild (Circle): Low ___ Mod ✓ High ___
Comments:

pH Meter Model #: yokogawa ph72 SC Meter Model #: yokogawa sc72
pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5				
Time (military)	1313	1319	1325				
pH (s.u.)	6.5	6.3	6.3				
Specific Cond. (µmhos/cm)	2190	2170	2165				
Water Temp (°C)	21.2	20.8	20.5				
Turbidity (NTU)	21.3	18.8	16.9				

Sample Time: 1335 Sample Date: ~~03/01/26~~ 4/9/26 Sampled By: HHL Reviewed By: ___

COMMENTS/OBSERVATIONS:

fldinfo 2/88

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 4 / 9 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # LS-MW-22
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 13.53 Casing / Protective Casing
Depth to Groundwater (DGW)= 1.01 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 12.52 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 2.04 gallons
3 Casing Volumes = 6.12 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed 6.75 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	2.25	4.5	6.75				
Time (military)	1323	1328	1333				
pH (s.u.)	5.7	5.8	5.8				
Specific Cond. (µmhos/cm)	4150	4190	4140				
Water Temp (°C)	19.4	19.3	19.0				
Turbidity (NTU)	39.8	16.4	8.34				

Sample Time: 1335 Sample Date: 4 / 9 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS: Duplicate sample collected

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 4 / 10 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # LS-MW-23
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 8.27 Casing / Protective Casing
Depth to Groundwater (DGW)= 5.36 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 2.91 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 0.47 gallons
3 Casing Volumes = 1.41 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed 1.5 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	0.5	1.0	1.5				
Time (military)	0948	0953	0958				
pH (s.u.)	7.8	7.8	7.9				
Specific Cond. (µmhos/cm)	2183	2200	2206				
Water Temp (°C)	19.8	19.9	20.1				
Turbidity (NTU)	21.5	6.80	5.92				

Sample Time: 1000 Sample Date: 4 / 10 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy)	4 / 7 /2026	Casing Diameter	2 inches
Field Personnel	Bastian	Casing Material	PVC
Facility Name	Liberty Steel	Measuring Point Elevation:	Top of Casing 1/100 ft.
EPA I.D.#		Well I.D #	LS-MW-24
Upgradient ___	Downgradient ___	Upright ___	Flush Mount X
Weather Conditions:	Rain / Clear / Windy / Cloudy / Hot / Cold	Steel Guard Pipe Around Casing	YES ✓ NO ___
Air Temperature	°C	Proj. Mgr.	Locking Cap YES ✓ NO ___
Total Well Depth (TWD) =	12.78	Casing / Protective Casing	Protective Abutment YES ✓ NO ___
Depth to Groundwater (DGW)=	5.77	Casing / Protective Casing	Well Integrity Satisfactory YES ✓ NO ___
Length of Water Column LWC) = TWD-DGW =	7.01	1/100 ft.	Well Yeild (Circle) Low ___ Mod ✓ High ___
1 Casing Volume (OCV) = LWC x 0.163 =	1.14	gallons	Comments:
3 Casing Volumes =	3.42	gal = Standard Evacuation Volume	
Method of Well Evacuation	peri pump		
Method of Sample Collection	peri pump		Yokogawa pH Model: pH72 pH Serial #: E006126
Total Volume of Water Removed	3.75	gallons	Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.25	2.5	3.75				
Time (military)	1203	1211	1219				
pH (s.u.)	8.8	8.8	8.7				
Specific Cond. (µmhos/cm)	266	266	268				
Water Temp (°C)	19.9	20.0	20.0				
Turbidity (NTU)	32.1	16.9	8.63				

Sample Time: 1220 Sample Date: 4 / 7 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS: Duplicate sample collated

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy): 4/ 9 /2026

Field Personnel: Heath Lowry

Facility Name: Liberty Steel

EPA I.D.#: N/A Well I.D #: LS-MW-25

Upgradient ___ Downgradient ____ Upright ___ Flush Mount ✓

Weather Conditions: Rain / (Clear) / Windy / Cloudy / Hot / (Cold)

Air Temperature ____ °C Proj. Mgr. RG

Total Well Depth (TWD) = 13.55 (Casing) / Protective Casing

Depth to Groundwater (DGW)= 5.85 (Casing) / Protective Casing

Length of Water Column LWC) = TWD-DGW = 7.7 1/100 ft.

1 Casing Volume (OCV) = LWC x 0.163 = 1.26 gallons

3 Casing Volumes = 3.78 gal = Standard Evacuation Volume

Method of Well Evacuation: (Peristaltic Pump)/ Submersible Pump/ Bailor

Method of Sample Collection: (Peristaltic Pump)/ Submersible Pump/ Bailor

Total Volume of Water Removed: ~5.0 gallons

Casing Diameter: 1/ (2)/ 4 inches

Casing Material: PVC

Measuring Point Elevation: Top of Casing 1/100 ft.

Steel Guard Pipe Around Casing: YES ✓ NO ____

Locking Cap: YES ✓ NO ____

Protective Abutment: YES ✓ NO ____

Well Integrity Satisfactory: YES ✓ NO ____

Well Yeild (Circle): Low ____ Mod ✓ High ____

Comments: ____

pH Meter Model #: yokogawa ph72 SC Meter Model #: yokogawa sc72

pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5				
Time (military)	0746	0753	0800				
pH (s.u.)	6.5	6.3	6.2				
Specific Cond. (µmhos/cm)	224	232	239				
Water Temp (°C)	20.6	21.1	20.9				
Turbidity (NTU)	288	73.1	9.3				

Sample Time: 0810 Sample Date: ~~03/01/26~~ 4/9/26 Sampled By: HHL Reviewed By: ____

COMMENTS/OBSERVATIONS: ____

fldinfo 2/88

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy): 4/9/2026
Field Personnel: Heath Lowry
Facility Name: Liberty Steel
EPA I.D.#: N/A
Well I.D #: LS-MW-26
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ✓
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ___ °C Proj. Mgr. RG
Total Well Depth (TWD) = 13.55 Casing / Protective Casing
Depth to Groundwater (DGW)= 8.25 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 5.3 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 0.86 gallons
3 Casing Volumes = 2.58 gal = Standard Evacuation Volume
Method of Well Evacuation: Peristaltic Pump/ Submersible Pump/ Bailor
Method of Sample Collection: Peristaltic Pump/ Submersible Pump/ Bailor
Total Volume of Water Removed: ~3.5 gallons

Casing Diameter: 1/ 2 / 4 inches
Casing Material: PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing: YES ✓ NO ___
Locking Cap: YES ✓ NO ___
Protective Abutment: YES ✓ NO ___
Well Integrity Satisfactory: YES ✓ NO ___
Well Yeild (Circle): Low ___ Mod ✓ High ___

Comments:

pH Meter Model #: yokogawa_ph72 SC Meter Model #: yokogawa sc72
pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	1.0	2.0	3.0				
Time (military)	1108	1114	1120				
pH (s.u.)	6.9	6.7	6.8				
Specific Cond. (µmhos/cm)	388	365	355				
Water Temp (°C)	21.2	21.5	21.5				
Turbidity (NTU)	119	97.6	100.3				

Sample Time: 1130 Sample Date: ~~03/01/26~~ 4/9/26 Sampled By: HHL Reviewed By: ___

COMMENTS/OBSERVATIONS:

fldinfo 2/88

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ___

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy): 4/ 9 /2026
Field Personnel: Heath Lowry
Facility Name: Liberty Steel
EPA I.D.#: N/A Well I.D #: LS-MW-27
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ✓
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ___ °C Proj. Mgr. RG
Total Well Depth (TWD) = 13.17 Casing / Protective Casing
Depth to Groundwater (DGW)= 9.79 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 3.38 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 0.56 gallons
3 Casing Volumes = 1.68 gal = Standard Evacuation Volume
Method of Well Evacuation: Peristaltic Pump/ Submersible Pump/ Bailor
Method of Sample Collection: Peristaltic Pump/ Submersible Pump/ Bailor
Total Volume of Water Removed: ~2.5 gallons

Casing Diameter: 1/ 2/ 4 inches
Casing Material: PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing: YES ✓ NO ___
Locking Cap: YES ✓ NO ___
Protective Abutment: YES ✓ NO ___
Well Integrity Satisfactory: YES ✓ NO ___
Well Yeild (Circle): Low ✓ Mod ___ High ___
Comments: Pump Slow

pH Meter Model #: yokogawa_ph72 SC Meter Model #: yokogawa sc72
pH Meter Serial #: E008721 SC Meter Serial #: E007520

FIELD ANALYSIS

Volume Purged (gallons)	0.75	1.5	2.25				
Time (military)	0841	0849	0857				
pH (s.u.)	7.2	7.3	7.3				
Specific Cond. (µmhos/cm)	826	895	894				
Water Temp (°C)	16.5	17.3	17.5				
Turbidity (NTU)	146	27.4	29.1				

Sample Time: 0910 Sample Date: ~~03/01/26~~ 4/9/26 Sampled By: HHL Reviewed By: ___

COMMENTS/OBSERVATIONS: ___

fldinfo 2/88

GEL Engineering, LLC

Low Purge Groundwater
Sample Collection Data Sheet

Client Name: River Development Equities
Project Code: rvde00226
Facility Address: Georgetown, SC

Technician(s): Carol Sandel, Matthew Swanson
Sample Date: 06/08/26
Date Completed: 06/08/26

Sample Time: 0839
Time Completed: 0839

Well Number: LS-MW-28D
Depth to Water: 4.60
Depth to Water (End): 9.18
Total Well Depth (ft):
Pump Used: ~~Peristaltic~~ / Sub Pump
Meter Model Number: YSI Pro
Seal Number: N/A

Well Diameter (Inches): 2
One Casing Volume (Start): (gal)
One Casing Volume (End): (gal)
Pumping Rate (ml/min): ~125
Weather Conditions: Clear, Warm
Meter Serial Number: 22F101928
Comments: N/A

Time	Temp (°C)	pH	SC (µs/cm)	DO (mg/l)	Redox	DGW (1/100 ft)	Turbidity (NTU)
0814	23.8	7.2	548	1.04	-56.9	9.12	135
0819	23.9	7.2	552	0.36	-93.3	9.37	27.7
0824	23.8	7.3	552	0.26	-109	9.20	10.8
0829	23.8	7.3	553	0.21	-116	9.15	6.37
0834	23.9	7.3	554	0.21	-118	9.18	5.62

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652 gal/ linear ft, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 4 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# ____ Well I.D # MW-18
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ____ °C Proj. Mgr. ____
Total Well Depth (TWD) = 11.91 Casing / Protective Casing
Depth to Groundwater (DGW)= 5.76 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 6.15 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.00 gallons
3 Casing Volumes = 3.00 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed 3 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments: ____

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1	2	3				
Time (military)	1036	1044	1052				
pH (s.u.)	6.7	6.7	6.7				
Specific Cond. (µmhos/cm)	366	362	362				
Water Temp (°C)	16.6	16.7	16.6				
Turbidity (NTU)	35.8	9.44	6.38				

Sample Time: 1055 Sample Date: 3 / 4 /2026 Sampled By: BPB Reviewed By: ____

COMMENTS/OBSERVATIONS: ____

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 5 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# ____ Well I.D # MW-19
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: 0 Rain / Clear / Windy / Cloudy / Hot / Cold 0
Air Temperature ____ °C Proj. Mgr. ____
Total Well Depth (TWD) = 12.13 Casing / Protective Casing
Depth to Groundwater (DGW)= 5.02 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 7.11 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.16 gallons
3 Casing Volumes = 3.48 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed Dry 1.25 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ✓ Mod ___ High ___

Comments: ____

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.25	2.5	3.75	After Recovery		
Time (military)	0938					
pH (s.u.)	10.9			Low		
Specific Cond. (µmhos/cm)	154			Volume		
Water Temp (°C)	19.6					
Turbidity (NTU)	50.0					

Sample Time: 0950 Sample Date: 3 / 5 /2026 Sampled By: BPB Reviewed By: ____

COMMENTS/OBSERVATIONS: ____

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 5 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # MW-20
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 12.18 Casing / Protective Casing
Depth to Groundwater (DGW)= 4.85 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 7.33 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.19 gallons
3 Casing Volumes = 3.57 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed Dryn 1.25 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO
Locking Cap YES NO ✓
Protective Abutment YES NO ✓
Well Integrity Satisfactory YES ✓ NO
Well Yeild (Circle) Low ✓ Mod High
Comments: No cap, pad damaged

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.25	2.5	3.75	After Recovery			
Time (military)	0905			0915			
pH (s.u.)	7.3			7.0			
Specific Cond. (µmhos/cm)	395			391			
Water Temp (°C)	18.5			20.0			
Turbidity (NTU)	29.8			12.4			

Sample Time: 0915 Sample Date: 3 / 5 /2026 Sampled By: BPB Reviewed By:

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 4 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # MW-21
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 12.15 Casing / Protective Casing
Depth to Groundwater (DGW)= 4.23 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 7.92 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.29 gallons
3 Casing Volumes = 3.87 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed Dry ~1.5 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ✓ Mod ___ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5	After Recovery		
Time (military)	1302					
pH (s.u.)	12.6			Low		
Specific Cond. (µmhos/cm)	3230			Volume		
Water Temp (°C)	21.6					
Turbidity (NTU)	8.93					

Sample Time: 1315 Sample Date: 3 / 4 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 4 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# ____ Well I.D # MW-22
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ____ °C Proj. Mgr. ____
Total Well Depth (TWD) = 12.09 Casing / Protective Casing
Depth to Groundwater (DGW)= 4.07 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 8.02 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.31 gallons
3 Casing Volumes = 3.93 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed 4.5 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments: ____

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5				
Time (military)	1117	1123	1129				
pH (s.u.)	7.6	7.6	7.5				
Specific Cond. (µmhos/cm)	246	251	263				
Water Temp (°C)	20.4	21.0	21.1				
Turbidity (NTU)	33.7	31.6	30.0				

Sample Time: 1130 Sample Date: 3 / 4 /2026 Sampled By: BPB Reviewed By: ____

COMMENTS/OBSERVATIONS: ____

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 4 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # MW-CA-1
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 11.60 Casing / Protective Casing
Depth to Groundwater (DGW)= 5.13 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 6.47 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.05 gallons
3 Casing Volumes = 3.15 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed 3.75 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.25	2.5	3.75				
Time (military)	1351	1355	1359				
pH (s.u.)	6.6	6.6	6.5				
Specific Cond. (µmhos/cm)	262	260	260				
Water Temp (°C)	19.6	19.3	19.5				
Turbidity (NTU)	7.93	5.84	5.22				

Sample Time: 1400 Sample Date: 3 / 4 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 4 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # MW-CA-2
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 12.90 Casing / Protective Casing
Depth to Groundwater (DGW)= 4.56 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 8.34 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.36 gallons
3 Casing Volumes = 4.08 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed 4.5 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.5	3.0	4.5				
Time (military)	1158	1203	1208				
pH (s.u.)	12.0	12.0	12.0				
Specific Cond. (µmhos/cm)	805	791	780				
Water Temp (°C)	18.5	18.4	18.3				
Turbidity (NTU)	19.7	11.1	9.63				

Sample Time: 1210 Sample Date: 3 / 4 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS: Duplicate sample collected

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 5 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # MW-CA-3
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 13.19 Casing / Protective Casing
Depth to Groundwater (DGW)= 6.38 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 6.81 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 1.11 gallons
3 Casing Volumes = 3.33 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ✓ Mod ___ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1.25	2.5	3.75	After Purge			
Time (military)	1057			1110			
pH (s.u.)	6.5			6.3			
Specific Cond. (µmhos/cm)	2026			2021			
Water Temp (°C)	20.2			19.6			
Turbidity (NTU)	54.8			36.2			

Sample Time: ___ Sample Date: 3 / 5 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS: Skimmer running

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 3 / 5 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # MW-CA-4
Upgradient ___ Downgradient ___ Upright ___ Flush Mount X
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = 13.24 Casing / Protective Casing
Depth to Groundwater (DGW)= 8.20 Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = 5.04 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = 0.82 gallons
3 Casing Volumes = 2.46 gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed 3 gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ✓ NO ___
Locking Cap YES ✓ NO ___
Protective Abutment YES ✓ NO ___
Well Integrity Satisfactory YES ✓ NO ___
Well Yeild (Circle) Low ___ Mod ✓ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	1	2	3				
Time (military)	1013	1017	1021				
pH (s.u.)	7.3	7.2	7.3				
Specific Cond. (µmhos/cm)	1120	1173	1165				
Water Temp (°C)	18.8	19.2	18.6				
Turbidity (NTU)	36.2	11.1	8.47				

Sample Time: 1025 Sample Date: 3 / 5 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy)	4 / 8 /2026	Casing Diameter	2 inches
Field Personnel	Bastian	Casing Material	PVC
Facility Name	Liberty Steel	Measuring Point Elevation:	Top of Casing 1/100 ft.
EPA I.D.#		Well I.D #	LS-pw-01
Upgradient ___	Downgradient ___ Upright ___ Flush Mount ___	Steel Guard Pipe Around Casing	YES ___ NO ___
Weather Conditions:	Rain / Clear / Windy / Cloudy / Hot / Cold	Locking Cap	YES ___ NO ___
Air Temperature	°C Proj. Mgr.	Protective Abutment	YES ___ NO ___
Total Well Depth (TWD) =	Dore Casing / Protective Casing	Well Integrity Satisfactory	YES ___ NO ___
Depth to Groundwater (DGW)=	Casing / Protective Casing	Well Yeild (Circle)	Low ___ Mod ___ High ___
Length of Water Column LWC) = TWD-DGW =	Unable 1/100 ft.	Comments:	
1 Casing Volume (OCV) = LWC x 0.163 =	gallons		
3 Casing Volumes =	Unable gal = Standard Evacuation Volume		
Method of Well Evacuation		Yokogawa pH Model:	pH72 pH Serial #: E006126
Method of Sample Collection		Yokogawa SC Model:	SC72 SC Serial #: E005279
Total Volume of Water Removed	gallons		

FIELD ANALYSIS

Volume Purged (gallons)	Grab						
Time (military)	1100						
pH (s.u.)	4.3						
Specific Cond. (µmhos/cm)	2930						
Water Temp (°C)	20.1						
Turbidity (NTU)	26.2						

Sample Time: 1100 Sample Date: 4 / 8 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 4 / 8 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # LS-pw-02
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ___
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = Done Casing / Protective Casing
Depth to Groundwater (DGW)= Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = Water 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = gallons
3 Casing Volumes = Lwb gal = Standard Evacuation Volume
Method of Well Evacuation
Method of Sample Collection
Total Volume of Water Removed gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ___ NO ___
Locking Cap YES ___ NO ___
Protective Abutment YES ___ NO ___
Well Integrity Satisfactory YES ___ NO ___
Well Yeild (Circle) Low ___ Mod ___ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	Lwb						
Time (military)	1015						
pH (s.u.)	6.1						
Specific Cond. (µmhos/cm)	3290						
Water Temp (°C)	19.9						
Turbidity (NTU)	19.6						

Sample Time: 1015 Sample Date: 4 / 8 /2026 Sampled By: BPB Reviewed By:

COMMENTS/OBSERVATIONS: Dup collected

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 4 / 8 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# ____ Well I.D # LS-PW-03
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ___
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature ____ °C Proj. Mgr. ____
Total Well Depth (TWD) = Pure Casing / Protective Casing
Depth to Groundwater (DGW)= Water Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = ____ 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = ____ gallons
3 Casing Volumes = ____ gal = Standard Evacuation Volume
Method of Well Evacuation peri pump
Method of Sample Collection peri pump
Total Volume of Water Removed ____ gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ___ NO ___
Locking Cap YES ___ NO ___
Protective Abutment YES ___ NO ___
Well Integrity Satisfactory YES ___ NO ___
Well Yeild (Circle) Low ___ Mod ___ High ___

Comments: ____

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	brun						
Time (military)	1230						
pH (s.u.)	7.4						
Specific Cond. (µmhos/cm)	1172						
Water Temp (°C)	20.8						
Turbidity (NTU)	14.5						

Sample Time: ____ Sample Date: 4 / 8 /2026 Sampled By: BPB Reviewed By: ____

COMMENTS/OBSERVATIONS: ____

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

Field Data Information Sheet for Ground-Water Sampling

Page ___ of ____

GEL Engineering, LLC
2040 Savage Road
Charleston, SC 29414

Date (mm/dd/yy) 4 / 8 /2026
Field Personnel Bastian
Facility Name Liberty Steel
EPA I.D.# Well I.D # LS-PW-04
Upgradient ___ Downgradient ___ Upright ___ Flush Mount ___
Weather Conditions: Rain / Clear / Windy / Cloudy / Hot / Cold
Air Temperature °C Proj. Mgr.
Total Well Depth (TWD) = Casing / Protective Casing
Depth to Groundwater (DGW)= Pure Casing / Protective Casing
Length of Water Column LWC) = TWD-DGW = water 1/100 ft.
1 Casing Volume (OCV) = LWC x 0.163 = gallons
3 Casing Volumes = gal = Standard Evacuation Volume
Method of Well Evacuation
Method of Sample Collection
Total Volume of Water Removed gallons

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation: Top of Casing 1/100 ft.
Steel Guard Pipe Around Casing YES ___ NO ___
Locking Cap YES ___ NO ___
Protective Abutment YES ___ NO ___
Well Integrity Satisfactory YES ___ NO ___
Well Yeild (Circle) Low ___ Mod ___ High ___

Comments:

Yokogawa pH Model: pH72 pH Serial #: E006126
Yokogawa SC Model: SC72 SC Serial #: E005279

FIELD ANALYSIS

Volume Purged (gallons)	Grab						
Time (military)	1415						
pH (s.u.)	7.9						
Specific Cond. (µmhos/cm)	8840						
Water Temp (°C)	20.6						
Turbidity (NTU)	21.6						

Sample Time: 1415 Sample Date: 4 / 8 /2026 Sampled By: BPB Reviewed By: ___

COMMENTS/OBSERVATIONS:

To calculate volume of water in well: one linear foot of 2 inch well volume equals 0.163 gal/linear ft, 4 inch = 0.652, 6 inch = 1.469 gal/linear ft, 1 inch = 0.041 gal/linear ft

GEL Engineering, LLC

Grab Sample Data Sheet

Client Name: Liberty Steel

Project Code: RUDE00425

Facility Address: Georgetown, SC

Technician(s): BDB

Sample Time: 1400 Sample Date:

pH Meter Model Number: Yokogawa ph72 SC Meter Model Number: Yokogawa sc72

pH Meter Serial Number: SC Meter Serial Number:

Location/Outfall	Date/Time	pH	Temp (°C)	Cond. (uS/cm)	Turbidity (NTU)
LS-SW-02	4/9/26 1400	7.6	26.3	854	15.3

APPENDIX III

LABORATORY CERTIFICATES OF ANALYSIS AND CHAIN OF CUSTODY RECORDS – SOIL

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 767474

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 10, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 767474 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

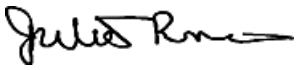
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 767474 GEL Work Order: 767474

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E Concentration of the target analyte exceeds the instrument calibration range

J Value is estimated

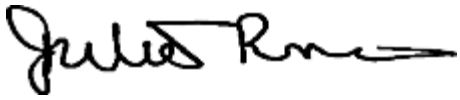
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-030926
Sample ID: 767474001
Matrix: Water
Collect Date: 09-MAR-26 13:30
Receive Date: 10-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	03/20/26	1713	2965128	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-030926 Project: RVDE00226C
Sample ID: 767474001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	44.9 ug/L	50.0	90	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	47.1 ug/L	50.0	94	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	44.9 ug/L	50.0	90	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-1.0
Sample ID: 767474002
Matrix: Soil
Collect Date: 09-MAR-26 14:20
Receive Date: 10-MAR-26
Collector: Client
Moisture: 9.28%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		49.0	8.76	26.1	ug/kg	119	1	PB1	03/12/26	1038	2959344	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3620000	317000	933000	ug/kg	84.6	50	EM2	03/16/26	1939	2958979	2
Antimony	U	ND	15400	93300	ug/kg	84.6	50					
Arsenic	U	ND	23300	140000	ug/kg	84.6	50					
Barium	J	14400	4660	23300	ug/kg	84.6	50					
Beryllium	U	ND	4660	23300	ug/kg	84.6	50					
Cadmium	U	ND	4660	23300	ug/kg	84.6	50					
Calcium		1970000	373000	1170000	ug/kg	84.6	50					
Chromium	J	33300	6990	46600	ug/kg	84.6	50					
Cobalt		25100	6990	23300	ug/kg	84.6	50					
Copper	J	20000	14000	93300	ug/kg	84.6	50					
Iron		662000000	373000	1170000	ug/kg	84.6	50					
Lead	J	53500	15400	93300	ug/kg	84.6	50					
Magnesium	J	1270000	396000	1400000	ug/kg	84.6	50					
Manganese		1960000	9330	46600	ug/kg	84.6	50					
Nickel		32700	6990	23300	ug/kg	84.6	50					
Potassium	U	ND	298000	1170000	ug/kg	84.6	50					
Selenium	U	ND	23300	140000	ug/kg	84.6	50					
Silver	U	ND	4660	23300	ug/kg	84.6	50					
Thallium	U	ND	23300	93300	ug/kg	84.6	50					
Vanadium		48500	4660	23300	ug/kg	84.6	50					
Zinc	J	37500	18700	93300	ug/kg	84.6	50					
Sodium	U	ND	326000	1170000	ug/kg	84.6	50	EM2	03/17/26	1313	2958979	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	359	ug/kg	0.0326	1	BM1	03/16/26	1454	2961186	4
1,2,4,5-Tetrachlorobenzene	U	ND	108	359	ug/kg	0.0326	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4,5-Trichlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4,6-Trichlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4-Dichlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4-Dimethylphenol	U	ND	108	359	ug/kg	0.0326	1					
2,4-Dinitrophenol	U	ND	108	719	ug/kg	0.0326	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-1.0 Project: RVDE00226C
Sample ID: 767474002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	359	ug/kg	0.0326	1					
2,6-Dinitrotoluene	U	ND	108	359	ug/kg	0.0326	1					
2-Chloronaphthalene	U	ND	10.8	35.9	ug/kg	0.0326	1					
2-Chlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	359	ug/kg	0.0326	1					
2-Methylnaphthalene		178	10.8	35.9	ug/kg	0.0326	1					
2-Nitrophenol	U	ND	108	359	ug/kg	0.0326	1					
3,3'-Dichlorobenzidine	U	ND	108	359	ug/kg	0.0326	1					
4-Bromophenylphenylether	U	ND	108	359	ug/kg	0.0326	1					
4-Chloro-3-methylphenol	U	ND	144	359	ug/kg	0.0326	1					
4-Chloroaniline	U	ND	108	359	ug/kg	0.0326	1					
4-Chlorophenylphenylether	U	ND	108	359	ug/kg	0.0326	1					
4-Nitrophenol	U	ND	108	359	ug/kg	0.0326	1					
Acenaphthene	J	18.0	10.8	35.9	ug/kg	0.0326	1					
Acenaphthylene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Acetophenone	U	ND	108	359	ug/kg	0.0326	1					
Anthracene	J	11.1	10.8	35.9	ug/kg	0.0326	1					
Atrazine	U	ND	144	359	ug/kg	0.0326	1					
Benzaldehyde	U	ND	108	359	ug/kg	0.0326	1					
Benzo(a)anthracene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Benzo(a)pyrene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Benzo(b)fluoranthene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Benzo(ghi)perylene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Benzo(k)fluoranthene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Butylbenzylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Carbazole	U	ND	10.8	35.9	ug/kg	0.0326	1					
Chrysene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Di-n-butylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Di-n-octylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Dibenzo(a,h)anthracene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Dibenzofuran	U	ND	108	359	ug/kg	0.0326	1					
Diethylphthalate	J	10.8	10.8	35.9	ug/kg	0.0326	1					
Dimethylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Diphenylamine	U	ND	108	359	ug/kg	0.0326	1					
Fluoranthene		54.6	10.8	35.9	ug/kg	0.0326	1					
Fluorene		80.5	10.8	35.9	ug/kg	0.0326	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-1.0 Project: RVDE00226C
Sample ID: 767474002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	359	ug/kg	0.0326	1					
Hexachlorobutadiene	U	ND	108	359	ug/kg	0.0326	1					
Hexachlorocyclopentadiene	U	ND	108	359	ug/kg	0.0326	1					
Hexachloroethane	U	ND	108	359	ug/kg	0.0326	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Isophorone	U	ND	108	359	ug/kg	0.0326	1					
N-Nitrosodipropylamine	U	ND	108	359	ug/kg	0.0326	1					
Naphthalene		142	10.8	35.9	ug/kg	0.0326	1					
Nitrobenzene	U	ND	108	359	ug/kg	0.0326	1					
Pentachlorophenol	U	ND	108	359	ug/kg	0.0326	1					
Phenanthrene		80.5	10.8	35.9	ug/kg	0.0326	1					
Phenol	U	ND	108	359	ug/kg	0.0326	1					
Pyrene		209	10.8	35.9	ug/kg	0.0326	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	359	ug/kg	0.0326	1					
bis(2-Chloroethoxy)methane	U	ND	108	359	ug/kg	0.0326	1					
bis(2-Chloroethyl) ether	U	ND	108	359	ug/kg	0.0326	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
m,p-Cresols	U	ND	108	359	ug/kg	0.0326	1					
m-Nitroaniline	U	ND	108	359	ug/kg	0.0326	1					
o-Cresol	U	ND	108	359	ug/kg	0.0326	1					
o-Nitroaniline	U	ND	119	359	ug/kg	0.0326	1					
p-Nitroaniline	U	ND	108	359	ug/kg	0.0326	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.0939	0.235	mg/kg	21.3	1	BR2	03/19/26	1602	2959312	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3050B	SW846 3050B Prep	CJ3	03/10/26	1640	2958977
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/11/26	0452	2958991
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/18/26	1612	2959311
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/11/26	1330	2959342

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-32-1.0	Project:	RVDE00226C
Sample ID:	767474002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1120 ug/kg	1800	62	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	584 ug/kg	1800	32	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1260 ug/kg	1800	70	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1260 ug/kg	3590	35	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2140 ug/kg	3590	59	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2320 ug/kg	3590	65	(20%-99%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-3.0
Sample ID: 767474003
Matrix: Soil
Collect Date: 09-MAR-26 14:25
Receive Date: 10-MAR-26
Collector: Client
Moisture: 8.23%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		141	8.30	24.8	ug/kg	114	1	PB1	03/12/26	1043	2959344	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3880000	6580	19400	ug/kg	88.8	1	EM2	03/16/26	1916	2958979	2
Antimony	J	621	319	1940	ug/kg	88.8	1					
Arsenic	J	614	484	2900	ug/kg	88.8	1					
Barium		104000	96.8	484	ug/kg	88.8	1					
Beryllium	J	173	96.8	484	ug/kg	88.8	1					
Cadmium	U	ND	96.8	484	ug/kg	88.8	1					
Calcium		925000	7740	24200	ug/kg	88.8	1					
Chromium		6440	145	968	ug/kg	88.8	1					
Cobalt		1270	145	484	ug/kg	88.8	1					
Copper	J	1370	290	1940	ug/kg	88.8	1					
Iron		9000000	7740	24200	ug/kg	88.8	1					
Lead		4370	319	1940	ug/kg	88.8	1					
Magnesium		191000	8230	29000	ug/kg	88.8	1					
Manganese		25100	194	968	ug/kg	88.8	1					
Nickel		1530	145	484	ug/kg	88.8	1					
Potassium		157000	6190	24200	ug/kg	88.8	1					
Selenium	U	ND	484	2900	ug/kg	88.8	1					
Silver	U	ND	96.8	484	ug/kg	88.8	1					
Thallium	U	ND	484	1940	ug/kg	88.8	1					
Vanadium		7790	96.8	484	ug/kg	88.8	1					
Zinc		10400	387	1940	ug/kg	88.8	1					
Sodium		30700	6770	24200	ug/kg	88.8	1	EM2	03/17/26	1335	2958979	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	361	ug/kg	0.0331	1	BM1	03/11/26	1424	2958994	4
1,2,4,5-Tetrachlorobenzene	U	ND	108	361	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	361	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	108	361	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	108	361	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	108	361	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	108	361	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	108	721	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-3.0 Project: RVDE00226C
Sample ID: 767474003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	361	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	108	361	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	10.8	36.1	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	108	361	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	361	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	10.8	36.1	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	108	361	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	108	361	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	108	361	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	144	361	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	108	361	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	108	361	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	108	361	ug/kg	0.0331	1					
Acenaphthene	U	ND	10.8	36.1	ug/kg	0.0331	1					
Acenaphthylene	U	ND	10.8	36.1	ug/kg	0.0331	1					
Acetophenone	U	ND	108	361	ug/kg	0.0331	1					
Anthracene	U	ND	10.8	36.1	ug/kg	0.0331	1					
Atrazine	U	ND	144	361	ug/kg	0.0331	1					
Benzaldehyde	U	ND	108	361	ug/kg	0.0331	1					
Benzo(a)anthracene	J	13.3	10.8	36.1	ug/kg	0.0331	1					
Benzo(a)pyrene	J	14.4	10.8	36.1	ug/kg	0.0331	1					
Benzo(b)fluoranthene	J	18.0	10.8	36.1	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	14.1	10.8	36.1	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	10.8	36.1	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	10.8	36.1	ug/kg	0.0331	1					
Carbazole	U	ND	10.8	36.1	ug/kg	0.0331	1					
Chrysene	U	ND	10.8	36.1	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	10.8	36.1	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	10.8	36.1	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	10.8	36.1	ug/kg	0.0331	1					
Dibenzofuran	U	ND	108	361	ug/kg	0.0331	1					
Diethylphthalate	U	ND	10.8	36.1	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	10.8	36.1	ug/kg	0.0331	1					
Diphenylamine	U	ND	108	361	ug/kg	0.0331	1					
Fluoranthene	J	14.1	10.8	36.1	ug/kg	0.0331	1					
Fluorene	U	ND	10.8	36.1	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-3.0 Project: RVDE00226C
Sample ID: 767474003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	361	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	108	361	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	108	361	ug/kg	0.0331	1					
Hexachloroethane	U	ND	108	361	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	12.3	10.8	36.1	ug/kg	0.0331	1					
Isophorone	U	ND	108	361	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	108	361	ug/kg	0.0331	1					
Naphthalene	U	ND	10.8	36.1	ug/kg	0.0331	1					
Nitrobenzene	U	ND	108	361	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	108	361	ug/kg	0.0331	1					
Phenanthrene	J	11.5	10.8	36.1	ug/kg	0.0331	1					
Phenol	U	ND	108	361	ug/kg	0.0331	1					
Pyrene	J	20.6	10.8	36.1	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	361	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	108	361	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	108	361	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.8	36.1	ug/kg	0.0331	1					
m,p-Cresols	U	ND	108	361	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	108	361	ug/kg	0.0331	1					
o-Cresol	U	ND	108	361	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	119	361	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	108	361	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.108	0.271	mg/kg	24.9	1	BR2	03/19/26	1602	2959312	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.335	1.01	ug/kg	0.923	1	JEB	03/23/26	1640	2965810	6
1,1,2,2-Tetrachloroethane	U	ND	0.335	1.01	ug/kg	0.923	1					
1,1,2-Trichloroethane	U	ND	0.335	1.01	ug/kg	0.923	1					
1,1-Dichloroethane	U	ND	0.335	1.01	ug/kg	0.923	1					
1,1-Dichloroethylene	U	ND	0.335	1.01	ug/kg	0.923	1					
1,2,3-Trichlorobenzene	U	ND	0.335	1.01	ug/kg	0.923	1					
1,2,4-Trichlorobenzene	U	ND	0.335	1.01	ug/kg	0.923	1					
1,2-Dibromo-3-chloropropane	U	ND	0.503	1.01	ug/kg	0.923	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-3.0 Project: RVDE00226C
Sample ID: 767474003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.335	1.01	ug/kg	0.923	1					
1,2-Dichlorobenzene	U	ND	0.335	1.01	ug/kg	0.923	1					
1,2-Dichloroethane	U	ND	0.335	1.01	ug/kg	0.923	1					
1,2-Dichloropropane	U	ND	0.335	1.01	ug/kg	0.923	1					
1,3-Dichlorobenzene	U	ND	0.335	1.01	ug/kg	0.923	1					
1,4-Dichlorobenzene	U	ND	0.335	1.01	ug/kg	0.923	1					
1,4-Dioxane	U	ND	16.8	50.3	ug/kg	0.923	1					
2-Butanone	U	ND	1.68	5.03	ug/kg	0.923	1					
2-Hexanone	U	ND	1.68	5.03	ug/kg	0.923	1					
4-Methyl-2-pentanone	U	ND	1.68	5.03	ug/kg	0.923	1					
Acetone		6.20	1.68	5.03	ug/kg	0.923	1					
Benzene	U	ND	0.335	1.01	ug/kg	0.923	1					
Bromochloromethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Bromodichloromethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Bromoform	U	ND	0.335	1.01	ug/kg	0.923	1					
Bromomethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Carbon disulfide	U	ND	1.68	5.03	ug/kg	0.923	1					
Carbon tetrachloride	U	ND	0.335	1.01	ug/kg	0.923	1					
Chlorobenzene	U	ND	0.335	1.01	ug/kg	0.923	1					
Chloroethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Chloroform	U	ND	0.335	1.01	ug/kg	0.923	1					
Chloromethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Cyclohexane	U	ND	0.335	1.01	ug/kg	0.923	1					
Dibromochloromethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Dichlorodifluoromethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Ethylbenzene	J	0.553	0.335	1.01	ug/kg	0.923	1					
Isopropylbenzene	U	ND	0.335	1.01	ug/kg	0.923	1					
Methyl acetate	U	ND	1.68	5.03	ug/kg	0.923	1					
Methylcyclohexane	U	ND	0.335	1.01	ug/kg	0.923	1					
Methylene chloride	U	ND	1.68	5.03	ug/kg	0.923	1					
Styrene	U	ND	0.335	1.01	ug/kg	0.923	1					
Tetrachloroethylene	U	ND	0.335	1.01	ug/kg	0.923	1					
Toluene	U	ND	0.335	1.01	ug/kg	0.923	1					
Trichloroethylene	U	ND	0.335	1.01	ug/kg	0.923	1					
Trichlorofluoromethane	U	ND	0.335	1.01	ug/kg	0.923	1					
Trichlorotrifluoroethane	U	ND	1.68	5.03	ug/kg	0.923	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-32-3.0 Project: RVDE00226C
Sample ID: 767474003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.335	1.01	ug/kg	0.923	1					
cis-1,2-Dichloroethylene	U	ND	0.335	1.01	ug/kg	0.923	1					
cis-1,3-Dichloropropylene	U	ND	0.335	1.01	ug/kg	0.923	1					
m,p-Xylenes		2.31	0.670	2.01	ug/kg	0.923	1					
o-Xylene		1.12	0.335	1.01	ug/kg	0.923	1					
tert-Butyl methyl ether	U	ND	0.335	1.01	ug/kg	0.923	1					
trans-1,2-Dichloroethylene	U	ND	0.335	1.01	ug/kg	0.923	1					
trans-1,3-Dichloropropylene	U	ND	0.335	1.01	ug/kg	0.923	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/18/26	1612	2959311
SW846 3050B	SW846 3050B Prep	CJ3	03/10/26	1640	2958977
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/11/26	1330	2959342
SW846 5035	5035 Prep	JEB	03/09/26	1425	2965809
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/11/26	0452	2958991

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1150 ug/kg	1800	64	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1190 ug/kg	1800	66	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1480 ug/kg	1800	82	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2660 ug/kg	3610	74	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2460 ug/kg	3610	68	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2460 ug/kg	3610	68	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	45.1 ug/kg	50.0	90	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.7 ug/kg	50.0	89	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-32-3.0	Project:	RVDE00226C
Sample ID:	767474003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		45.4	ug/kg	50.0		90		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-31-1.0
Sample ID: 767474004
Matrix: Soil
Collect Date: 09-MAR-26 14:50
Receive Date: 10-MAR-26
Collector: Client
Moisture: 7.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		28.7	7.81	23.3	ug/kg	108	1	PB1	03/12/26	1045	2959344	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1170000	322000	946000	ug/kg	87.3	50	EM2	03/16/26	1958	2958979	2
Antimony	U	ND	15600	94600	ug/kg	87.3	50					
Arsenic	U	ND	23700	142000	ug/kg	87.3	50					
Barium	J	12600	4730	23700	ug/kg	87.3	50					
Beryllium	U	ND	4730	23700	ug/kg	87.3	50					
Cadmium	U	ND	4730	23700	ug/kg	87.3	50					
Calcium		10200000	379000	1180000	ug/kg	87.3	50					
Chromium		296000	7100	47300	ug/kg	87.3	50					
Cobalt	J	18500	7100	23700	ug/kg	87.3	50					
Copper		377000	14200	94600	ug/kg	87.3	50					
Iron		498000000	379000	1180000	ug/kg	87.3	50					
Lead	U	ND	15600	94600	ug/kg	87.3	50					
Magnesium		1490000	402000	1420000	ug/kg	87.3	50					
Manganese		2820000	9460	47300	ug/kg	87.3	50					
Nickel		145000	7100	23700	ug/kg	87.3	50					
Potassium	U	ND	303000	1180000	ug/kg	87.3	50					
Selenium	J	28000	23700	142000	ug/kg	87.3	50					
Silver	U	ND	4730	23700	ug/kg	87.3	50					
Thallium	U	ND	23700	94600	ug/kg	87.3	50					
Vanadium		80200	4730	23700	ug/kg	87.3	50					
Zinc		127000	18900	94600	ug/kg	87.3	50					
Sodium	U	ND	331000	1180000	ug/kg	87.3	50	EM2	03/17/26	1338	2958979	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	358	ug/kg	0.0330	1	BM1	03/11/26	1446	2958994	4
1,2,4,5-Tetrachlorobenzene	U	ND	107	358	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	358	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	107	358	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	107	358	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	107	358	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	107	358	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	107	715	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-31-1.0 Project: RVDE00226C
Sample ID: 767474004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	358	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	107	358	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	10.7	35.8	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	107	358	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	358	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	10.7	35.8	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	107	358	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	107	358	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	107	358	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	143	358	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	107	358	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	107	358	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	107	358	ug/kg	0.0330	1					
Acenaphthene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Acenaphthylene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Acetophenone	U	ND	107	358	ug/kg	0.0330	1					
Anthracene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Atrazine	U	ND	143	358	ug/kg	0.0330	1					
Benzaldehyde	U	ND	107	358	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	10.7	35.8	ug/kg	0.0330	1					
Carbazole	U	ND	10.7	35.8	ug/kg	0.0330	1					
Chrysene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	10.7	35.8	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	10.7	35.8	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Dibenzofuran	U	ND	107	358	ug/kg	0.0330	1					
Diethylphthalate	U	ND	10.7	35.8	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	10.7	35.8	ug/kg	0.0330	1					
Diphenylamine	U	ND	107	358	ug/kg	0.0330	1					
Fluoranthene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Fluorene	U	ND	10.7	35.8	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-31-1.0 Project: RVDE00226C
Sample ID: 767474004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	358	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	107	358	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	107	358	ug/kg	0.0330	1					
Hexachloroethane	U	ND	107	358	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Isophorone	U	ND	107	358	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	107	358	ug/kg	0.0330	1					
Naphthalene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Nitrobenzene	U	ND	107	358	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	107	358	ug/kg	0.0330	1					
Phenanthrene	U	ND	10.7	35.8	ug/kg	0.0330	1					
Phenol	U	ND	107	358	ug/kg	0.0330	1					
Pyrene	U	ND	10.7	35.8	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	358	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	107	358	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	107	358	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.7	35.8	ug/kg	0.0330	1					
m,p-Cresols	U	ND	107	358	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	107	358	ug/kg	0.0330	1					
o-Cresol	U	ND	107	358	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	118	358	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	107	358	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.140	0.349	mg/kg	32.2	1	BR2	03/19/26	1602	2959312	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/11/26	1330	2959342
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/11/26	0452	2958991
SW846 3050B	SW846 3050B Prep	CJ3	03/10/26	1640	2958977
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/18/26	1612	2959311

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-31-1.0	Project:	RVDE00226C
Sample ID:	767474004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	621 ug/kg	1790	35	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	671 ug/kg	1790	38	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	829 ug/kg	1790	46	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1520 ug/kg	3580	42	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	3580	38	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1340 ug/kg	3580	37	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-1.0
Sample ID: 767474005
Matrix: Soil
Collect Date: 09-MAR-26 16:10
Receive Date: 10-MAR-26
Collector: Client
Moisture: 8.22%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		1960	84.9	253	ug/kg	116	10	PB1	03/12/26	1147	2959344	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4260000	70800	208000	ug/kg	95.6	10	EM2	03/16/26	1925	2958979	2
Antimony	J	14300	3440	20800	ug/kg	95.6	10					
Arsenic	U	ND	5210	31300	ug/kg	95.6	10					
Barium		67100	1040	5210	ug/kg	95.6	10					
Beryllium	U	ND	1040	5210	ug/kg	95.6	10					
Cadmium		45100	1040	5210	ug/kg	95.6	10					
Calcium		138000000	83300	260000	ug/kg	95.6	10					
Chromium		254000	1560	10400	ug/kg	95.6	10					
Cobalt		5590	1560	5210	ug/kg	95.6	10					
Copper		225000	3130	20800	ug/kg	95.6	10					
Iron		73500000	83300	260000	ug/kg	95.6	10					
Lead		1640000	3440	20800	ug/kg	95.6	10					
Magnesium		12300000	88500	313000	ug/kg	95.6	10					
Manganese		4070000	2080	10400	ug/kg	95.6	10					
Nickel		30900	1560	5210	ug/kg	95.6	10					
Potassium		1410000	66700	260000	ug/kg	95.6	10					
Selenium	J	15000	5210	31300	ug/kg	95.6	10					
Silver		7210	1040	5210	ug/kg	95.6	10					
Thallium	U	ND	5210	20800	ug/kg	95.6	10					
Vanadium		50900	1040	5210	ug/kg	95.6	10					
Zinc		21400000	20800	104000	ug/kg	95.6	50	EM2	03/16/26	2001	2958979	3
Sodium		584000	72900	260000	ug/kg	95.6	10	EM2	03/17/26	1341	2958979	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	1080	3590	ug/kg	0.0330	10	BM1	03/11/26	1508	2958994	5
1,2,4,5-Tetrachlorobenzene	U	ND	1080	3590	ug/kg	0.0330	10					
2,3,4,6-Tetrachlorophenol	U	ND	1080	3590	ug/kg	0.0330	10					
2,4,5-Trichlorophenol	U	ND	1080	3590	ug/kg	0.0330	10					
2,4,6-Trichlorophenol	U	ND	1080	3590	ug/kg	0.0330	10					
2,4-Dichlorophenol	U	ND	1080	3590	ug/kg	0.0330	10					
2,4-Dimethylphenol	U	ND	1080	3590	ug/kg	0.0330	10					
2,4-Dinitrophenol	U	ND	1080	7190	ug/kg	0.0330	10					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-1.0 Project: RVDE00226C
Sample ID: 767474005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	1080	3590	ug/kg	0.0330	10					
2,6-Dinitrotoluene	U	ND	1080	3590	ug/kg	0.0330	10					
2-Chloronaphthalene	U	ND	108	359	ug/kg	0.0330	10					
2-Chlorophenol	U	ND	1080	3590	ug/kg	0.0330	10					
2-Methyl-4,6-dinitrophenol	U	ND	1080	3590	ug/kg	0.0330	10					
2-Methylnaphthalene	U	ND	108	359	ug/kg	0.0330	10					
2-Nitrophenol	U	ND	1080	3590	ug/kg	0.0330	10					
3,3'-Dichlorobenzidine	U	ND	1080	3590	ug/kg	0.0330	10					
4-Bromophenylphenylether	U	ND	1080	3590	ug/kg	0.0330	10					
4-Chloro-3-methylphenol	U	ND	1440	3590	ug/kg	0.0330	10					
4-Chloroaniline	U	ND	1080	3590	ug/kg	0.0330	10					
4-Chlorophenylphenylether	U	ND	1080	3590	ug/kg	0.0330	10					
4-Nitrophenol	U	ND	1080	3590	ug/kg	0.0330	10					
Acenaphthene	U	ND	108	359	ug/kg	0.0330	10					
Acenaphthylene	U	ND	108	359	ug/kg	0.0330	10					
Acetophenone	U	ND	1080	3590	ug/kg	0.0330	10					
Anthracene	U	ND	108	359	ug/kg	0.0330	10					
Atrazine	U	ND	1440	3590	ug/kg	0.0330	10					
Benzaldehyde	U	ND	1080	3590	ug/kg	0.0330	10					
Benzo(a)anthracene	U	ND	108	359	ug/kg	0.0330	10					
Benzo(a)pyrene	U	ND	108	359	ug/kg	0.0330	10					
Benzo(b)fluoranthene	U	ND	108	359	ug/kg	0.0330	10					
Benzo(ghi)perylene	U	ND	108	359	ug/kg	0.0330	10					
Benzo(k)fluoranthene	U	ND	108	359	ug/kg	0.0330	10					
Butylbenzylphthalate	U	ND	108	359	ug/kg	0.0330	10					
Carbazole	U	ND	108	359	ug/kg	0.0330	10					
Chrysene	U	ND	108	359	ug/kg	0.0330	10					
Di-n-butylphthalate	U	ND	108	359	ug/kg	0.0330	10					
Di-n-octylphthalate	U	ND	108	359	ug/kg	0.0330	10					
Dibenzo(a,h)anthracene	U	ND	108	359	ug/kg	0.0330	10					
Dibenzofuran	U	ND	1080	3590	ug/kg	0.0330	10					
Diethylphthalate	U	ND	108	359	ug/kg	0.0330	10					
Dimethylphthalate	U	ND	108	359	ug/kg	0.0330	10					
Diphenylamine	U	ND	1080	3590	ug/kg	0.0330	10					
Fluoranthene	U	ND	108	359	ug/kg	0.0330	10					
Fluorene	U	ND	108	359	ug/kg	0.0330	10					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-1.0 Project: RVDE00226C
Sample ID: 767474005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	1080	3590	ug/kg	0.0330	10					
Hexachlorobutadiene	U	ND	1080	3590	ug/kg	0.0330	10					
Hexachlorocyclopentadiene	U	ND	1080	3590	ug/kg	0.0330	10					
Hexachloroethane	U	ND	1080	3590	ug/kg	0.0330	10					
Indeno(1,2,3-cd)pyrene	U	ND	108	359	ug/kg	0.0330	10					
Isophorone	U	ND	1080	3590	ug/kg	0.0330	10					
N-Nitrosodipropylamine	U	ND	1080	3590	ug/kg	0.0330	10					
Naphthalene	U	ND	108	359	ug/kg	0.0330	10					
Nitrobenzene	U	ND	1080	3590	ug/kg	0.0330	10					
Pentachlorophenol	U	ND	1080	3590	ug/kg	0.0330	10					
Phenanthrene	U	ND	108	359	ug/kg	0.0330	10					
Phenol	U	ND	1080	3590	ug/kg	0.0330	10					
Pyrene	U	ND	108	359	ug/kg	0.0330	10					
bis(2-Chloro-1-methylethyl)ether	U	ND	1080	3590	ug/kg	0.0330	10					
bis(2-Chloroethoxy)methane	U	ND	1080	3590	ug/kg	0.0330	10					
bis(2-Chloroethyl) ether	U	ND	1080	3590	ug/kg	0.0330	10					
bis(2-Ethylhexyl)phthalate	J	306	108	359	ug/kg	0.0330	10					
m,p-Cresols	U	ND	1080	3590	ug/kg	0.0330	10					
m-Nitroaniline	U	ND	1080	3590	ug/kg	0.0330	10					
o-Cresol	U	ND	1080	3590	ug/kg	0.0330	10					
o-Nitroaniline	U	ND	1190	3590	ug/kg	0.0330	10					
p-Nitroaniline	U	ND	1080	3590	ug/kg	0.0330	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		1.09	0.132	0.330	mg/kg	30.3	1	BR2	03/19/26	1602	2959312	6

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/18/26	1612	2959311
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/11/26	1330	2959342
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/11/26	0452	2958991
SW846 3050B	SW846 3050B Prep	CJ3	03/10/26	1640	2958977

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-08-1.0	Project:	RVDE00226C
Sample ID:	767474005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	910 ug/kg	1800	51	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	949 ug/kg	1800	53	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1100 ug/kg	1800	61	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1870 ug/kg	3590	52	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1690 ug/kg	3590	47	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1760 ug/kg	3590	49	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-3.0
Sample ID: 767474006
Matrix: Soil
Collect Date: 09-MAR-26 16:15
Receive Date: 10-MAR-26
Collector: Client
Moisture: 31.7%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		136	11.5	34.5	ug/kg	118	1	PB1	03/12/26	1048	2959344	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3320000	9740	28700	ug/kg	97.8	1	EM2	03/16/26	1928	2958979	2
Antimony		7420	473	2870	ug/kg	97.8	1					
Arsenic		41600	716	4300	ug/kg	97.8	1					
Barium		90100	143	716	ug/kg	97.8	1					
Beryllium	J	539	143	716	ug/kg	97.8	1					
Cadmium	J	251	143	716	ug/kg	97.8	1					
Calcium		3960000	11500	35800	ug/kg	97.8	1					
Chromium		16100	215	1430	ug/kg	97.8	1					
Cobalt		6730	215	716	ug/kg	97.8	1					
Copper		122000	430	2870	ug/kg	97.8	1					
Iron		31800000	11500	35800	ug/kg	97.8	1					
Lead		175000	473	2870	ug/kg	97.8	1					
Magnesium		595000	12200	43000	ug/kg	97.8	1					
Manganese		281000	287	1430	ug/kg	97.8	1					
Nickel		19400	215	716	ug/kg	97.8	1					
Potassium		555000	9170	35800	ug/kg	97.8	1					
Selenium	J	2790	716	4300	ug/kg	97.8	1					
Silver	J	163	143	716	ug/kg	97.8	1					
Thallium	U	ND	716	2870	ug/kg	97.8	1					
Vanadium		25600	143	716	ug/kg	97.8	1					
Zinc		145000	573	2870	ug/kg	97.8	1					
Sodium		254000	10000	35800	ug/kg	97.8	1	EM2	03/17/26	1355	2958979	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	146	485	ug/kg	0.0331	1	BM1	03/11/26	1530	2958994	4
1,2,4,5-Tetrachlorobenzene	U	ND	146	485	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	146	485	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	146	485	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	146	485	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	146	485	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	146	485	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	146	971	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-3.0 Project: RVDE00226C
Sample ID: 767474006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	146	485	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	146	485	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	14.6	48.5	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	146	485	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	146	485	ug/kg	0.0331	1					
2-Methylnaphthalene		258	14.6	48.5	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	146	485	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	146	485	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	146	485	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	194	485	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	146	485	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	146	485	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	146	485	ug/kg	0.0331	1					
Acenaphthene		61.2	14.6	48.5	ug/kg	0.0331	1					
Acenaphthylene		292	14.6	48.5	ug/kg	0.0331	1					
Acetophenone	U	ND	146	485	ug/kg	0.0331	1					
Anthracene		519	14.6	48.5	ug/kg	0.0331	1					
Atrazine	U	ND	194	485	ug/kg	0.0331	1					
Benzaldehyde	U	ND	146	485	ug/kg	0.0331	1					
Benzo(a)anthracene		1020	14.6	48.5	ug/kg	0.0331	1					
Benzo(a)pyrene		1020	14.6	48.5	ug/kg	0.0331	1					
Benzo(b)fluoranthene		2190	14.6	48.5	ug/kg	0.0331	1					
Benzo(ghi)perylene		717	14.6	48.5	ug/kg	0.0331	1					
Benzo(k)fluoranthene		675	14.6	48.5	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	14.6	48.5	ug/kg	0.0331	1					
Carbazole		203	14.6	48.5	ug/kg	0.0331	1					
Chrysene		1540	14.6	48.5	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	14.6	48.5	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	14.6	48.5	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene		203	14.6	48.5	ug/kg	0.0331	1					
Dibenzofuran	U	ND	146	485	ug/kg	0.0331	1					
Diethylphthalate	U	ND	14.6	48.5	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	14.6	48.5	ug/kg	0.0331	1					
Diphenylamine	U	ND	146	485	ug/kg	0.0331	1					
Fluoranthene		1960	14.6	48.5	ug/kg	0.0331	1					
Fluorene		107	14.6	48.5	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-3.0 Project: RVDE00226C
Sample ID: 767474006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	146	485	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	146	485	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	146	485	ug/kg	0.0331	1					
Hexachloroethane	U	ND	146	485	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		850	14.6	48.5	ug/kg	0.0331	1					
Isophorone	U	ND	146	485	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	146	485	ug/kg	0.0331	1					
Naphthalene		228	14.6	48.5	ug/kg	0.0331	1					
Nitrobenzene	U	ND	146	485	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	146	485	ug/kg	0.0331	1					
Phenanthrene		466	14.6	48.5	ug/kg	0.0331	1					
Phenol	U	ND	146	485	ug/kg	0.0331	1					
Pyrene		2060	14.6	48.5	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	146	485	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	146	485	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	146	485	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	14.6	48.5	ug/kg	0.0331	1					
m,p-Cresols	U	ND	146	485	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	146	485	ug/kg	0.0331	1					
o-Cresol	U	ND	146	485	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	160	485	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	146	485	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.214	0.534	mg/kg	36.5	1	BR2	03/19/26	1602	2959312	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.559	1.68	ug/kg	1.15	1	JEB	03/23/26	1705	2965810	6
1,1,2,2-Tetrachloroethane	U	ND	0.559	1.68	ug/kg	1.15	1					
1,1,2-Trichloroethane	U	ND	0.559	1.68	ug/kg	1.15	1					
1,1-Dichloroethane	U	ND	0.559	1.68	ug/kg	1.15	1					
1,1-Dichloroethylene	U	ND	0.559	1.68	ug/kg	1.15	1					
1,2,3-Trichlorobenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
1,2,4-Trichlorobenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
1,2-Dibromo-3-chloropropane	U	ND	0.840	1.68	ug/kg	1.15	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-3.0 Project: RVDE00226C
Sample ID: 767474006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.559	1.68	ug/kg	1.15	1					
1,2-Dichlorobenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
1,2-Dichloroethane	U	ND	0.559	1.68	ug/kg	1.15	1					
1,2-Dichloropropane	U	ND	0.559	1.68	ug/kg	1.15	1					
1,3-Dichlorobenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
1,4-Dichlorobenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
1,4-Dioxane	U	ND	28.0	84.0	ug/kg	1.15	1					
2-Butanone		99.8	2.80	8.40	ug/kg	1.15	1					
2-Hexanone	U	ND	2.80	8.40	ug/kg	1.15	1					
4-Methyl-2-pentanone	U	ND	2.80	8.40	ug/kg	1.15	1					
Acetone		319	2.80	8.40	ug/kg	1.15	1					
Benzene	U	ND	0.559	1.68	ug/kg	1.15	1					
Bromochloromethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Bromodichloromethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Bromoform	U	ND	0.559	1.68	ug/kg	1.15	1					
Bromomethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Carbon disulfide	J	7.62	2.80	8.40	ug/kg	1.15	1					
Carbon tetrachloride	U	ND	0.559	1.68	ug/kg	1.15	1					
Chlorobenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
Chloroethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Chloroform	U	ND	0.559	1.68	ug/kg	1.15	1					
Chloromethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Cyclohexane	J	1.14	0.559	1.68	ug/kg	1.15	1					
Dibromochloromethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Dichlorodifluoromethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Ethylbenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
Isopropylbenzene	U	ND	0.559	1.68	ug/kg	1.15	1					
Methyl acetate	U	ND	2.80	8.40	ug/kg	1.15	1					
Methylcyclohexane	J	1.51	0.559	1.68	ug/kg	1.15	1					
Methylene chloride	U	ND	2.80	8.40	ug/kg	1.15	1					
Styrene	U	ND	0.559	1.68	ug/kg	1.15	1					
Tetrachloroethylene	U	ND	0.559	1.68	ug/kg	1.15	1					
Toluene	U	ND	0.559	1.68	ug/kg	1.15	1					
Trichloroethylene	U	ND	0.559	1.68	ug/kg	1.15	1					
Trichlorofluoromethane	U	ND	0.559	1.68	ug/kg	1.15	1					
Trichlorotrifluoroethane	U	ND	2.80	8.40	ug/kg	1.15	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-08-3.0 Project: RVDE00226C
Sample ID: 767474006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.559	1.68	ug/kg	1.15	1					
cis-1,2-Dichloroethylene	U	ND	0.559	1.68	ug/kg	1.15	1					
cis-1,3-Dichloropropylene	U	ND	0.559	1.68	ug/kg	1.15	1					
m,p-Xylenes	U	ND	1.12	3.36	ug/kg	1.15	1					
o-Xylene	U	ND	0.559	1.68	ug/kg	1.15	1					
tert-Butyl methyl ether	U	ND	0.559	1.68	ug/kg	1.15	1					
trans-1,2-Dichloroethylene	U	ND	0.559	1.68	ug/kg	1.15	1					
trans-1,3-Dichloropropylene	U	ND	0.559	1.68	ug/kg	1.15	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/18/26	1612	2959311
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/11/26	0452	2958991
SW846 3050B	SW846 3050B Prep	CJ3	03/10/26	1640	2958977
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/11/26	1330	2959342
SW846 5035	5035 Prep	JEB	03/09/26	1615	2965809

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	668 ug/kg	2430	28	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	696 ug/kg	2430	29	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	849 ug/kg	2430	35	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1750 ug/kg	4850	36	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1450 ug/kg	4850	30	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1410 ug/kg	4850	29	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	91.8 ug/kg	50.0	109	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	72.1 ug/kg	50.0	86	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-08-3.0	Project:	RVDE00226C
Sample ID:	767474006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		98.0	ug/kg	50.0		117	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2958979											
QC1206402562 LCS											
Aluminum	465000			491000	ug/kg		106	(80%-120%)	EM2	03/16/26	18:54
Antimony	46500			48000	ug/kg		103	(80%-120%)			
Arsenic	46500			48800	ug/kg		105	(80%-120%)			
Barium	46500			49200	ug/kg		106	(80%-120%)			
Beryllium	46500			50100	ug/kg		108	(80%-120%)			
Cadmium	46500			48200	ug/kg		104	(80%-120%)			
Calcium	465000			499000	ug/kg		107	(80%-120%)			
Chromium	46500			49100	ug/kg		106	(80%-120%)			
Cobalt	46500			49000	ug/kg		105	(80%-120%)			
Copper	46500			49000	ug/kg		105	(80%-120%)			
Iron	465000			490000	ug/kg		105	(80%-120%)			
Lead	46500			46700	ug/kg		101	(80%-120%)			

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2958979										
Magnesium	465000			499000	ug/kg		107	(80%-120%)	EM2	03/16/26 18:54
Manganese	46500			48800	ug/kg		105	(80%-120%)		
Nickel	46500			48700	ug/kg		105	(80%-120%)		
Potassium	465000			494000	ug/kg		106	(80%-120%)		
Selenium	46500			46700	ug/kg		101	(80%-120%)		
Silver	9290			9760	ug/kg		105	(80%-120%)		
Sodium	465000			444000	ug/kg		95.6	(80%-120%)		03/17/26 13:11
Thallium	46500			49500	ug/kg		106	(80%-120%)		03/16/26 18:54
Vanadium	46500			49800	ug/kg		107	(80%-120%)		
Zinc	46500			47300	ug/kg		102	(80%-120%)		
QC1206402561 MB										
Aluminum			U	ND	ug/kg					03/16/26 18:51
Antimony			J	546	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2958979										
Beryllium			U	ND	ug/kg				EM2	03/16/26 18:51
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2958979											
Sodium				U	ND	ug/kg				EM2	03/17/26 13:08
Thallium				U	ND	ug/kg					03/16/26 18:51
Vanadium				U	ND	ug/kg					
Zinc				U	ND	ug/kg					
QC1206402563 767474002 MS											
Aluminum	516000		3620000		5010000	ug/kg		N/A	(75%-125%)		03/16/26 19:42
Antimony	51600	U	ND		50700	ug/kg		98.2	(75%-125%)		
Arsenic	51600	U	ND		30700	ug/kg		59.5*	(75%-125%)		
Barium	51600	J	14400		63200	ug/kg		94.5	(75%-125%)		
Beryllium	51600	U	ND		52500	ug/kg		97.7	(75%-125%)		
Cadmium	51600	U	ND		49600	ug/kg		96.1	(75%-125%)		
Calcium	516000		1970000		2560000	ug/kg		114	(75%-125%)		
Chromium	51600	J	33300		90500	ug/kg		111	(75%-125%)		
Cobalt	51600		25100		88900	ug/kg		124	(75%-125%)		
Copper	51600	J	20000		63500	ug/kg		84.4	(75%-125%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2958979											
Iron	516000		662000000		543000000	ug/kg		N/A	(75%-125%)	EM2	03/16/26 19:42
Lead	51600	J	53500		135000	ug/kg		158*	(75%-125%)		
Magnesium	516000	J	1270000		1960000	ug/kg		133*	(75%-125%)		
Manganese	51600		1960000		2130000	ug/kg		N/A	(75%-125%)		
Nickel	51600		32700		89300	ug/kg		110	(75%-125%)		
Potassium	516000	U	ND		657000	ug/kg		127*	(75%-125%)		
Selenium	51600	U	ND		43300	ug/kg		75.5	(75%-125%)		
Silver	10300	U	ND		13800	ug/kg		108	(75%-125%)		
Sodium	516000	U	ND	U	ND	ug/kg		0*	(75%-125%)		03/17/26 13:17
Thallium	51600	U	ND		34000	ug/kg		65.8*	(75%-125%)		03/16/26 19:42
Vanadium	51600		48500		92100	ug/kg		84.5	(75%-125%)		
Zinc	51600	J	37500		82300	ug/kg		86.8	(75%-125%)		
QC1206402564 767474002 MSD											
Aluminum	517000		3620000		4420000	ug/kg	12.4	N/A	(0%-20%)		03/16/26 19:45
Antimony	51700	U	ND		72800	ug/kg	35.9 *	141*	(0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2958979												
Arsenic	51700	U	ND		41700	ug/kg	30.4	*	80.7	(0%-20%)	EM2	03/16/26 19:45
Barium	51700	J	14400		58700	ug/kg	7.36		85.6	(0%-20%)		
Beryllium	51700	U	ND		49700	ug/kg	5.47		92.1	(0%-20%)		
Cadmium	51700	U	ND		45700	ug/kg	8.16		88.4	(0%-20%)		
Calcium	517000		1970000		2480000	ug/kg	3.08		99.1	(0%-20%)		
Chromium	51700	J	33300		89600	ug/kg	0.902		109	(0%-20%)		
Cobalt	51700		25100		67400	ug/kg	27.5	*	81.9	(0%-20%)		
Copper	51700	J	20000		58200	ug/kg	8.81		73.9	* (0%-20%)		
Iron	517000		662000000		499000000	ug/kg	8.36		N/A	(0%-20%)		
Lead	51700	J	53500		101000	ug/kg	29	*	91.4	(0%-20%)		
Magnesium	517000	J	1270000		1840000	ug/kg	6.26		110	(0%-20%)		
Manganese	51700		1960000		1700000	ug/kg	22.4	*	N/A	(0%-20%)		
Nickel	51700		32700		75700	ug/kg	16.4		83.3	(0%-20%)		
Potassium	517000	U	ND		363000	ug/kg	57.6	*	70.2	* (0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2958979												
Selenium	51700	U	ND		57100	ug/kg	27.3	*	102	(0%-20%)	EM2	03/16/26 19:45
Silver	10300	U	ND		16900	ug/kg	20.4	*	138*	(0%-20%)		
Sodium	517000	U	ND	U	ND	ug/kg	N/A		0*	(0%-20%)		03/17/26 13:20
Thallium	51700	U	ND		43000	ug/kg	23.5	*	83.2	(0%-20%)		03/16/26 19:45
Vanadium	51700		48500		85200	ug/kg	7.85		70.9*	(0%-20%)		
Zinc	51700	J	37500		79400	ug/kg	3.65		80.9	(0%-20%)		
QC1206402565 767474002 PS												
Antimony	500	U	ND		502	ug/L			100	(75%-125%)		03/16/26 19:48
Arsenic	500	U	ND		503	ug/L			101	(75%-125%)		
Copper	500	J	4.28		523	ug/L			104	(75%-125%)		
Lead	500	J	11.5		489	ug/L			95.6	(75%-125%)		
Magnesium	5000	J	272		5270	ug/L			99.9	(75%-125%)		
Potassium	5000	U	ND		5050	ug/L			101	(75%-125%)		
Silver	100	U	ND		92.2	ug/L			91.6	(75%-125%)		
Sodium	5000	U	ND		4700	ug/L			94.1	(75%-125%)		03/17/26 13:24

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2958979												
Thallium	500	U	ND		517	ug/L		103	(75%-125%)	EM2	03/16/26	19:48
Vanadium	500		10.4		529	ug/L		104	(75%-125%)			
QC1206402566 767474002 SDILT												
Aluminum			776	J	154	ug/L	.717		(0%-20%)		03/16/26	19:50
Antimony		U	ND	J	4.62	ug/L	N/A		(0%-20%)			
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Barium		J	3.09	U	ND	ug/L	N/A		(0%-20%)			
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Calcium			423	J	85.9	ug/L	1.56		(0%-20%)			
Chromium		J	7.15	J	1.76	ug/L	23.1		(0%-20%)			
Cobalt			5.38	U	ND	ug/L	N/A		(0%-20%)			
Copper		J	4.28	U	ND	ug/L	N/A		(0%-20%)			
Iron			142000		28900	ug/L	1.9		(0%-20%)			
Lead		J	11.5	U	ND	ug/L	N/A		(0%-20%)			

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2958979										
Magnesium	J	272	U	ND	ug/L	N/A		(0%-20%)	EM2	03/16/26 19:50
Manganese		421		82.4	ug/L	2.25		(0%-20%)		
Nickel		7.01	U	ND	ug/L	N/A		(0%-20%)		
Potassium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium	U	ND	U	ND	ug/L	N/A		(0%-20%)		03/17/26 13:26
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		03/16/26 19:50
Vanadium		10.4	J	2.10	ug/L	.962		(0%-20%)		
Zinc	J	8.05	U	ND	ug/L	N/A		(0%-20%)		
Metals Analysis-Mercury										
Batch 2959344										
QC1206403146 767257001 DUP										
Mercury	J	18.6	J	17.8	ug/kg	4.18	^	(+/-23.8)	PB1	03/12/26 10:24
QC1206403142 LCS										
Mercury	212			210	ug/kg		99	(80%-120%)		03/12/26 10:17
QC1206403141 MB										
Mercury			U	ND	ug/kg					03/12/26 10:15

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury										
Batch 2959344										
QC1206403147 767257001 MS										
Mercury	239	18.6	J	263	ug/kg		102	(80%-120%)	PB1	03/12/26 10:26
Semi-Volatile-GC/MS										
Batch 2958994										
QC1206402573 LCS										
1,1'-Biphenyl	1660			1230	ug/kg		74	(47%-110%)	BM1	03/11/26 12:55
1,2,4,5-Tetrachlorobenzene	1660			1240	ug/kg		75	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660			1270	ug/kg		77	(44%-114%)		
2,4,5-Trichlorophenol	1660			1330	ug/kg		80	(50%-121%)		
2,4,6-Trichlorophenol	1660			1320	ug/kg		80	(48%-112%)		
2,4-Dichlorophenol	1660			1330	ug/kg		80	(47%-112%)		
2,4-Dimethylphenol	1660			900	ug/kg		54	(32%-74%)		
2,4-Dinitrophenol	1660			828	ug/kg		50	(22%-89%)		
2,4-Dinitrotoluene	1660			1460	ug/kg		88	(49%-121%)		
2,6-Dinitrotoluene	1660			1410	ug/kg		85	(47%-118%)		
2-Chloronaphthalene	1660			1260	ug/kg		76	(44%-107%)		
2-Chlorophenol	1660			1250	ug/kg		75	(46%-107%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
2-Methyl-4,6-dinitrophenol	1660			1090	ug/kg		65	(21%-106%)	BM1	03/11/26 12:55
2-Methylnaphthalene	1660			1390	ug/kg		84	(47%-109%)		
2-Nitrophenol	1660			1290	ug/kg		77	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1190	ug/kg		71	(39%-100%)		
4-Bromophenylphenylether	1660			1450	ug/kg		87	(50%-120%)		
4-Chloro-3-methylphenol	1660			1330	ug/kg		80	(50%-114%)		
4-Chloroaniline	1660			1160	ug/kg		70	(38%-96%)		
4-Chlorophenylphenylether	1660			1390	ug/kg		84	(50%-118%)		
4-Nitrophenol	1660			1480	ug/kg		89	(46%-120%)		
Acenaphthene	1660			1290	ug/kg		78	(45%-112%)		
Acenaphthylene	1660			1190	ug/kg		72	(43%-106%)		
Acetophenone	1660			1170	ug/kg		71	(35%-100%)		
Anthracene	1660			1410	ug/kg		85	(50%-115%)		
Atrazine	1660			1550	ug/kg		93	(51%-144%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
Benzaldehyde	1660			343	ug/kg		21	(21%-89%)	BM1	03/11/26 12:55
Benzo(a)anthracene	1660			1400	ug/kg		84	(51%-117%)		
Benzo(a)pyrene	1660			1380	ug/kg		83	(48%-118%)		
Benzo(b)fluoranthene	1660			1480	ug/kg		89	(51%-121%)		
Benzo(ghi)perylene	1660			1510	ug/kg		91	(51%-125%)		
Benzo(k)fluoranthene	1660			1450	ug/kg		87	(50%-124%)		
Butylbenzylphthalate	1660			1530	ug/kg		92	(51%-133%)		
Carbazole	1660			1450	ug/kg		87	(53%-119%)		
Chrysene	1660			1360	ug/kg		82	(52%-116%)		
Di-n-butylphthalate	1660			1530	ug/kg		92	(54%-126%)		
Di-n-octylphthalate	1660			1440	ug/kg		87	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1470	ug/kg		88	(48%-120%)		
Dibenzofuran	1660			1330	ug/kg		80	(50%-110%)		
Diethylphthalate	1660			1400	ug/kg		85	(52%-123%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
Dimethylphthalate	1660			1350	ug/kg		81	(49%-124%)	BM1	03/11/26 12:55
Diphenylamine	1660			1410	ug/kg		85	(51%-115%)		
Fluoranthene	1660			1490	ug/kg		90	(52%-121%)		
Fluorene	1660			1340	ug/kg		81	(50%-116%)		
Hexachlorobenzene	1660			1430	ug/kg		86	(48%-117%)		
Hexachlorobutadiene	1660			1230	ug/kg		74	(40%-105%)		
Hexachlorocyclopentadiene	1660			681	ug/kg		41	(26%-82%)		
Hexachloroethane	1660			1140	ug/kg		68	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1470	ug/kg		88	(47%-123%)		
Isophorone	1660			1300	ug/kg		78	(37%-120%)		
N-Nitrosodipropylamine	1660			1310	ug/kg		79	(46%-113%)		
Naphthalene	1660			1230	ug/kg		74	(44%-105%)		
Nitrobenzene	1660			1290	ug/kg		78	(44%-106%)		
Pentachlorophenol	1660			1230	ug/kg		74	(36%-111%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
Phenanthrene	1660			1360	ug/kg		82	(50%-114%)	BM1	03/11/26 12:55
Phenol	1660			1360	ug/kg		82	(46%-107%)		
Pyrene	1660			1480	ug/kg		89	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1170	ug/kg		71	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1280	ug/kg		77	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1190	ug/kg		72	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			1450	ug/kg		87	(50%-134%)		
m,p-Cresols	1660			1250	ug/kg		75	(46%-106%)		
m-Nitroaniline	1660			1270	ug/kg		76	(41%-108%)		
o-Cresol	1660			1210	ug/kg		73	(45%-105%)		
o-Nitroaniline	1660			1370	ug/kg		82	(48%-117%)		
p-Nitroaniline	1660			1500	ug/kg		90	(49%-119%)		
**2,4,6-Tribromophenol	3320			2830	ug/kg		85	(20%-104%)		
**2-Fluorobiphenyl	1660			1170	ug/kg		71	(20%-93%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
**2-Fluorophenol	3320			2440	ug/kg		73	(19%-94%)	BM1	03/11/26 12:55
**Nitrobenzene-d5	1660			1170	ug/kg		70	(19%-90%)		
**Phenol-d5	3320			2410	ug/kg		73	(20%-99%)		
**p-Terphenyl-d14	1660			1360	ug/kg		82	(24%-107%)		
QC1206402572 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/11/26 12:33
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
2-Chloronaphthalene			U	ND	ug/kg				BM1	03/11/26 12:33
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
Anthracene			U	ND	ug/kg				BM1	03/11/26 12:33
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
Dibenzofuran			U	ND	ug/kg				BM1	03/11/26 12:33
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
Nitrobenzene			U	ND	ug/kg				BM1	03/11/26 12:33
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958994										
**2,4,6-Tribromophenol	3320			3050	ug/kg		92	(20%-104%)	BM1	03/11/26 12:33
**2-Fluorobiphenyl	1660			1360	ug/kg		82	(20%-93%)		
**2-Fluorophenol	3320			2870	ug/kg		87	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		81	(19%-90%)		
**Phenol-d5	3320			2810	ug/kg		85	(20%-99%)		
**p-Terphenyl-d14	1660			1530	ug/kg		92	(24%-107%)		
Batch 2961186										
QC1206406819 LCS										
1,1'-Biphenyl	1660			1330	ug/kg		80	(47%-110%)	BM1	03/16/26 14:32
1,2,4,5-Tetrachlorobenzene	1660			1330	ug/kg		80	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660			1360	ug/kg		82	(44%-114%)		
2,4,5-Trichlorophenol	1660			1450	ug/kg		88	(50%-121%)		
2,4,6-Trichlorophenol	1660			1410	ug/kg		85	(48%-112%)		
2,4-Dichlorophenol	1660			1440	ug/kg		87	(47%-112%)		
2,4-Dimethylphenol	1660			984	ug/kg		59	(32%-74%)		
2,4-Dinitrophenol	1660			880	ug/kg		53	(22%-89%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2961186											
2,4-Dinitrotoluene	1660			1600	ug/kg		97	(49%-121%)	BM1	03/16/26	14:32
2,6-Dinitrotoluene	1660			1540	ug/kg		93	(47%-118%)			
2-Chloronaphthalene	1660			1360	ug/kg		82	(44%-107%)			
2-Chlorophenol	1660			1380	ug/kg		83	(46%-107%)			
2-Methyl-4,6-dinitrophenol	1660			1110	ug/kg		67	(21%-106%)			
2-Methylnaphthalene	1660			1520	ug/kg		92	(47%-109%)			
2-Nitrophenol	1660			1390	ug/kg		84	(44%-109%)			
3,3'-Dichlorobenzidine	1660			1240	ug/kg		75	(39%-100%)			
4-Bromophenylphenylether	1660			1520	ug/kg		92	(50%-120%)			
4-Chloro-3-methylphenol	1660			1440	ug/kg		87	(50%-114%)			
4-Chloroaniline	1660			1280	ug/kg		77	(38%-96%)			
4-Chlorophenylphenylether	1660			1530	ug/kg		93	(50%-118%)			
4-Nitrophenol	1660			1570	ug/kg		95	(46%-120%)			
Acenaphthene	1660			1400	ug/kg		85	(45%-112%)			

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Acenaphthylene	1660			1300	ug/kg		79	(43%-106%)	BM1	03/16/26 14:32
Acetophenone	1660			1310	ug/kg		79	(35%-100%)		
Anthracene	1660			1470	ug/kg		89	(50%-115%)		
Atrazine	1660			1620	ug/kg		98	(51%-144%)		
Benzaldehyde	1660		J	146	ug/kg		9*	(21%-89%)		
Benzo(a)anthracene	1660			1420	ug/kg		86	(51%-117%)		
Benzo(a)pyrene	1660			1400	ug/kg		85	(48%-118%)		
Benzo(b)fluoranthene	1660			1500	ug/kg		91	(51%-121%)		
Benzo(ghi)perylene	1660			1560	ug/kg		94	(51%-125%)		
Benzo(k)fluoranthene	1660			1440	ug/kg		87	(50%-124%)		
Butylbenzylphthalate	1660			1580	ug/kg		95	(51%-133%)		
Carbazole	1660			1520	ug/kg		92	(53%-119%)		
Chrysene	1660			1380	ug/kg		83	(52%-116%)		
Di-n-butylphthalate	1660			1630	ug/kg		98	(54%-126%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Di-n-octylphthalate	1660			1610	ug/kg		97	(50%-133%)	BM1	03/16/26 14:32
Dibenzo(a,h)anthracene	1660			1550	ug/kg		94	(48%-120%)		
Dibenzofuran	1660			1440	ug/kg		87	(50%-110%)		
Diethylphthalate	1660			1540	ug/kg		93	(52%-123%)		
Dimethylphthalate	1660			1480	ug/kg		89	(49%-124%)		
Diphenylamine	1660			1470	ug/kg		89	(51%-115%)		
Fluoranthene	1660			1570	ug/kg		95	(52%-121%)		
Fluorene	1660			1450	ug/kg		88	(50%-116%)		
Hexachlorobenzene	1660			1480	ug/kg		90	(48%-117%)		
Hexachlorobutadiene	1660			1320	ug/kg		80	(40%-105%)		
Hexachlorocyclopentadiene	1660			738	ug/kg		45	(26%-82%)		
Hexachloroethane	1660			1260	ug/kg		76	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1570	ug/kg		95	(47%-123%)		
Isophorone	1660			1430	ug/kg		87	(37%-120%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
N-Nitrosodipropylamine	1660			1470	ug/kg		89	(46%-113%)	BM1	03/16/26 14:32
Naphthalene	1660			1340	ug/kg		81	(44%-105%)		
Nitrobenzene	1660			1390	ug/kg		84	(44%-106%)		
Pentachlorophenol	1660			1200	ug/kg		72	(36%-111%)		
Phenanthrene	1660			1410	ug/kg		85	(50%-114%)		
Phenol	1660			1510	ug/kg		91	(46%-107%)		
Pyrene	1660			1570	ug/kg		95	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1310	ug/kg		79	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1410	ug/kg		85	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1330	ug/kg		81	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			1530	ug/kg		92	(50%-134%)		
m,p-Cresols	1660			1410	ug/kg		85	(46%-106%)		
m-Nitroaniline	1660			1400	ug/kg		85	(41%-108%)		
o-Cresol	1660			1360	ug/kg		82	(45%-105%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
o-Nitroaniline	1660			1510	ug/kg		91	(48%-117%)	BM1	03/16/26 14:32
p-Nitroaniline	1660			1690	ug/kg		102	(49%-119%)		
**2,4,6-Tribromophenol	3310			3100	ug/kg		94	(20%-104%)		
**2-Fluorobiphenyl	1660			1270	ug/kg		77	(20%-93%)		
**2-Fluorophenol	3310			2690	ug/kg		81	(19%-94%)		
**Nitrobenzene-d5	1660			1250	ug/kg		76	(19%-90%)		
**Phenol-d5	3310			2740	ug/kg		83	(20%-99%)		
**p-Terphenyl-d14	1660			1490	ug/kg		90	(24%-107%)		
QC1206406818 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/16/26 14:10
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
2,4-Dimethylphenol			U	ND	ug/kg				BM1	03/16/26 14:10
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
4-Nitrophenol			U	ND	ug/kg				BM1	03/16/26 14:10
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Chrysene			U	ND	ug/kg				BM1	03/16/26 14:10
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg				BM1	03/16/26 14:10
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
m-Nitroaniline			U	ND	ug/kg				BM1	03/16/26 14:10
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3310			2910	ug/kg		88	(20%-104%)		
**2-Fluorobiphenyl	1650			1210	ug/kg		73	(20%-93%)		
**2-Fluorophenol	3310			2520	ug/kg		76	(19%-94%)		
**Nitrobenzene-d5	1650			1220	ug/kg		74	(19%-90%)		
**Phenol-d5	3310			2540	ug/kg		77	(20%-99%)		
**p-Terphenyl-d14	1650			1410	ug/kg		85	(24%-107%)		
QC1206406820 767984008 MS										
1,1'-Biphenyl	1870	U	ND	796	ug/kg		42	(16%-112%)		03/16/26 17:51
1,2,4,5-Tetrachlorobenzene	1870	U	ND	765	ug/kg		41	(16%-106%)		
2,3,4,6-Tetrachlorophenol	1870	U	ND	868	ug/kg		46	(15%-114%)		
2,4,5-Trichlorophenol	1870	U	ND	962	ug/kg		51	(16%-122%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2961186												
2,4,6-Trichlorophenol	1870	U	ND		889	ug/kg		47	(16%-112%)	BM1	03/16/26	17:51
2,4-Dichlorophenol	1870	U	ND		820	ug/kg		44	(15%-112%)			
2,4-Dimethylphenol	1870	J	364		869	ug/kg		27	(17%-73%)			
2,4-Dinitrophenol	1870	U	ND	J	402	ug/kg		21	(19%-117%)			
2,4-Dinitrotoluene	1870	U	ND		968	ug/kg		52	(15%-119%)			
2,6-Dinitrotoluene	1870	U	ND		929	ug/kg		50	(14%-119%)			
2-Chloronaphthalene	1870	U	ND		797	ug/kg		43	(15%-108%)			
2-Chlorophenol	1870	U	ND		838	ug/kg		45	(17%-104%)			
2-Methyl-4,6-dinitrophenol	1870	U	ND	J	347	ug/kg		19	(10%-120%)			
2-Methylnaphthalene	1870		59.0		868	ug/kg		43	(16%-108%)			
2-Nitrophenol	1870	U	ND		674	ug/kg		36	(14%-107%)			
3,3'-Dichlorobenzidine	1870	U	ND		896	ug/kg		48	(13%-95%)			
4-Bromophenylphenylether	1870	U	ND		1030	ug/kg		55	(16%-122%)			
4-Chloro-3-methylphenol	1870	U	ND		884	ug/kg		47	(17%-116%)			

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
4-Chloroaniline	1870	U	ND		735	ug/kg		39	(16%-91%)	BM1	03/16/26 17:51
4-Chlorophenylphenylether	1870	U	ND		953	ug/kg		51	(16%-120%)		
4-Nitrophenol	1870	U	ND		1180	ug/kg		63	(14%-122%)		
Acenaphthene	1870	J	30.4		889	ug/kg		46	(15%-114%)		
Acenaphthylene	1870	J	20.7		806	ug/kg		42	(16%-107%)		
Acetophenone	1870	U	ND		779	ug/kg		42	(16%-97%)		
Anthracene	1870	J	27.4		998	ug/kg		52	(16%-119%)		
Atrazine	1870	U	ND		1010	ug/kg		54	(12%-144%)		
Benzaldehyde	1870	U	ND		709	ug/kg		38	(12%-103%)		
Benzo(a)anthracene	1870		60.5		1010	ug/kg		50	(16%-120%)		
Benzo(a)pyrene	1870		71.7		970	ug/kg		48	(16%-119%)		
Benzo(b)fluoranthene	1870		125		1080	ug/kg		51	(16%-123%)		
Benzo(ghi)perylene	1870		65.7		1010	ug/kg		50	(15%-127%)		
Benzo(k)fluoranthene	1870	J	34.2		974	ug/kg		50	(16%-126%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Butylbenzylphthalate	1870	U	ND		1260	ug/kg		67	(14%-135%)	BM1	03/16/26 17:51
Carbazole	1870	U	ND		1030	ug/kg		55	(16%-123%)		
Chrysene	1870		81.5		977	ug/kg		48	(17%-119%)		
Di-n-butylphthalate	1870	U	ND		1120	ug/kg		60	(16%-129%)		
Di-n-octylphthalate	1870	U	ND		1150	ug/kg		61	(16%-134%)		
Dibenzo(a,h)anthracene	1870	J	15.4		987	ug/kg		52	(16%-120%)		
Dibenzofuran	1870	U	ND		904	ug/kg		48	(17%-114%)		
Diethylphthalate	1870	U	ND		986	ug/kg		53	(16%-124%)		
Dimethylphthalate	1870	U	ND		904	ug/kg		48	(16%-123%)		
Diphenylamine	1870	U	ND		1030	ug/kg		55	(18%-116%)		
Fluoranthene	1870		118		1070	ug/kg		51	(17%-124%)		
Fluorene	1870	J	18.0		931	ug/kg		49	(16%-119%)		
Hexachlorobenzene	1870	U	ND		939	ug/kg		50	(18%-117%)		
Hexachlorobutadiene	1870	U	ND		635	ug/kg		34	(15%-101%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Hexachlorocyclopentadiene	1870	U	ND	U	ND	ug/kg		0 *	(16%-60%)	BM1	03/16/26 17:51
Hexachloroethane	1870	U	ND		540	ug/kg		29	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1870		61.6		1030	ug/kg		52	(14%-125%)		
Isophorone	1870	U	ND		743	ug/kg		40	(12%-116%)		
N-Nitrosodipropylamine	1870	U	ND		875	ug/kg		47	(14%-113%)		
Naphthalene	1870		45.8		717	ug/kg		36	(15%-105%)		
Nitrobenzene	1870	U	ND		686	ug/kg		37	(15%-105%)		
Pentachlorophenol	1870	U	ND		741	ug/kg		40	(11%-115%)		
Phenanthrene	1870		82.6		1010	ug/kg		49	(15%-120%)		
Phenol	1870	U	ND		950	ug/kg		51	(16%-107%)		
Pyrene	1870		124		1050	ug/kg		49	(15%-127%)		
bis(2-Chloro-1-methylethyl)ether	1870	U	ND		724	ug/kg		39	(10%-110%)		
bis(2-Chloroethoxy)methane	1870	U	ND		712	ug/kg		38	(16%-105%)		
bis(2-Chloroethyl) ether	1870	U	ND		733	ug/kg		39	(14%-106%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
bis(2-Ethylhexyl)phthalate	1870	J	33.4		1220	ug/kg		63	(15%-135%)	BM1	03/16/26 17:51
m,p-Cresols	1870	U	ND		951	ug/kg		51	(17%-106%)		
m-Nitroaniline	1870	U	ND		942	ug/kg		50	(15%-103%)		
o-Cresol	1870	U	ND		874	ug/kg		47	(17%-104%)		
o-Nitroaniline	1870	U	ND		968	ug/kg		52	(16%-116%)		
p-Nitroaniline	1870	U	ND		1080	ug/kg		57	(12%-118%)		
**2,4,6-Tribromophenol	3750		2250		2120	ug/kg		57	(20%-104%)		
**2-Fluorobiphenyl	1870		885		782	ug/kg		42	(20%-93%)		
**2-Fluorophenol	3750		1770		1730	ug/kg		46	(19%-94%)		
**Nitrobenzene-d5	1870		734		688	ug/kg		37	(19%-90%)		
**Phenol-d5	3750		1860		1830	ug/kg		49	(20%-99%)		
**p-Terphenyl-d14	1870		1110		945	ug/kg		50	(24%-107%)		
QC1206406821 767984008 MSD											
1,1'-Biphenyl	1880	U	ND		797	ug/kg	0	42	(0%-30%)		03/16/26 18:13
1,2,4,5-Tetrachlorobenzene	1880	U	ND		685	ug/kg	11	36	(0%-30%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
2,3,4,6-Tetrachlorophenol	1880	U	ND		798	ug/kg	8	42	(0%-30%)	BM1	03/16/26 18:13
2,4,5-Trichlorophenol	1880	U	ND		906	ug/kg	6	48	(0%-30%)		
2,4,6-Trichlorophenol	1880	U	ND		871	ug/kg	2	46	(0%-30%)		
2,4-Dichlorophenol	1880	U	ND		804	ug/kg	2	43	(0%-30%)		
2,4-Dimethylphenol	1880	J	364		962	ug/kg	10	32	(0%-30%)		
2,4-Dinitrophenol	1880	U	ND	J	388	ug/kg	3	21	(0%-30%)		
2,4-Dinitrotoluene	1880	U	ND		941	ug/kg	3	50	(0%-30%)		
2,6-Dinitrotoluene	1880	U	ND		930	ug/kg	0	49	(0%-30%)		
2-Chloronaphthalene	1880	U	ND		790	ug/kg	1	42	(0%-30%)		
2-Chlorophenol	1880	U	ND		901	ug/kg	7	48	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1880	U	ND	J	339	ug/kg	2	18	(0%-30%)		
2-Methylnaphthalene	1880		59.0		836	ug/kg	4	41	(0%-30%)		
2-Nitrophenol	1880	U	ND		703	ug/kg	4	37	(0%-30%)		
3,3'-Dichlorobenzidine	1880	U	ND		856	ug/kg	5	46	(0%-30%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
4-Bromophenylphenylether	1880	U	ND		914	ug/kg	12	49	(0%-30%)	BM1	03/16/26 18:13
4-Chloro-3-methylphenol	1880	U	ND		839	ug/kg	5	45	(0%-30%)		
4-Chloroaniline	1880	U	ND		759	ug/kg	3	40	(0%-30%)		
4-Chlorophenylphenylether	1880	U	ND		876	ug/kg	8	47	(0%-30%)		
4-Nitrophenol	1880	U	ND		1120	ug/kg	6	59	(0%-30%)		
Acenaphthene	1880	J	30.4		858	ug/kg	3	44	(0%-30%)		
Acenaphthylene	1880	J	20.7		809	ug/kg	0	42	(0%-30%)		
Acetophenone	1880	U	ND		830	ug/kg	6	44	(0%-30%)		
Anthracene	1880	J	27.4		920	ug/kg	8	48	(0%-30%)		
Atrazine	1880	U	ND		994	ug/kg	1	53	(0%-30%)		
Benzaldehyde	1880	U	ND		853	ug/kg	18	45	(0%-30%)		
Benzo(a)anthracene	1880		60.5		898	ug/kg	11	45	(0%-30%)		
Benzo(a)pyrene	1880		71.7		835	ug/kg	15	41	(0%-30%)		
Benzo(b)fluoranthene	1880		125		964	ug/kg	11	45	(0%-30%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Benzo(ghi)perylene	1880		65.7		801	ug/kg	23	39	(0%-30%)	BM1	03/16/26 18:13
Benzo(k)fluoranthene	1880	J	34.2		850	ug/kg	14	43	(0%-30%)		
Butylbenzylphthalate	1880	U	ND		1100	ug/kg	14	59	(0%-30%)		
Carbazole	1880	U	ND		1010	ug/kg	2	54	(0%-30%)		
Chrysene	1880		81.5		873	ug/kg	11	42	(0%-30%)		
Di-n-butylphthalate	1880	U	ND		1040	ug/kg	7	55	(0%-30%)		
Di-n-octylphthalate	1880	U	ND		919	ug/kg	23	49	(0%-30%)		
Dibenzo(a,h)anthracene	1880	J	15.4		817	ug/kg	19	43	(0%-30%)		
Dibenzofuran	1880	U	ND		884	ug/kg	2	47	(0%-30%)		
Diethylphthalate	1880	U	ND		973	ug/kg	1	52	(0%-30%)		
Dimethylphthalate	1880	U	ND		931	ug/kg	3	50	(0%-30%)		
Diphenylamine	1880	U	ND		965	ug/kg	6	51	(0%-30%)		
Fluoranthene	1880		118		1030	ug/kg	4	48	(0%-30%)		
Fluorene	1880	J	18.0		883	ug/kg	5	46	(0%-30%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961186												
Hexachlorobenzene	1880	U	ND		665	ug/kg	34	*	35	(0%-30%)	BM1	03/16/26 18:13
Hexachlorobutadiene	1880	U	ND		545	ug/kg	15		29	(0%-30%)		
Hexachlorocyclopentadiene	1880	U	ND	U	ND	ug/kg	N/A		0	* (0%-30%)		
Hexachloroethane	1880	U	ND		498	ug/kg	8		26	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1880		61.6		843	ug/kg	20		42	(0%-30%)		
Isophorone	1880	U	ND		760	ug/kg	2		40	(0%-30%)		
N-Nitrosodipropylamine	1880	U	ND		942	ug/kg	7		50	(0%-30%)		
Naphthalene	1880		45.8		722	ug/kg	1		36	(0%-30%)		
Nitrobenzene	1880	U	ND		718	ug/kg	5		38	(0%-30%)		
Pentachlorophenol	1880	U	ND		674	ug/kg	10		36	(0%-30%)		
Phenanthrene	1880		82.6		951	ug/kg	6		46	(0%-30%)		
Phenol	1880	U	ND		1020	ug/kg	7		54	(0%-30%)		
Pyrene	1880		124		1010	ug/kg	3		47	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		747	ug/kg	3		40	(0%-30%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
bis(2-Chloroethoxy)methane	1880	U	ND		748	ug/kg	5	40	(0%-30%)	BM1	03/16/26 18:13
bis(2-Chloroethyl) ether	1880	U	ND		788	ug/kg	7	42	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1880	J	33.4		923	ug/kg	27	47	(0%-30%)		
m,p-Cresols	1880	U	ND		1000	ug/kg	5	53	(0%-30%)		
m-Nitroaniline	1880	U	ND		909	ug/kg	4	48	(0%-30%)		
o-Cresol	1880	U	ND		917	ug/kg	5	49	(0%-30%)		
o-Nitroaniline	1880	U	ND		984	ug/kg	2	52	(0%-30%)		
p-Nitroaniline	1880	U	ND		1070	ug/kg	0	57	(0%-30%)		
**2,4,6-Tribromophenol	3760		2250		1930	ug/kg		51	(20%-104%)		
**2-Fluorobiphenyl	1880		885		791	ug/kg		42	(20%-93%)		
**2-Fluorophenol	3760		1770		1880	ug/kg		50	(19%-94%)		
**Nitrobenzene-d5	1880		734		707	ug/kg		38	(19%-90%)		
**Phenol-d5	3760		1860		1940	ug/kg		51	(20%-99%)		
**p-Terphenyl-d14	1880		1110		866	ug/kg		46	(24%-107%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2959312											
QC1206403119 767474004 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/kg	N/A			BR2	03/19/26 16:02
QC1206411772 ILCS											
Hexavalent Chromium	6.99				6.89	mg/kg		98.6	(80%-120%)		03/19/26 16:01
QC1206403116 LCS											
Hexavalent Chromium	3.42				3.38	mg/kg		98.8	(80%-120%)		03/19/26 16:01
QC1206403115 MB											
Hexavalent Chromium				U	ND	mg/kg					03/19/26 16:01
QC1206403120 767474004 MS											
Hexavalent Chromium	3.49	U	ND		0.566	mg/kg		12.4*	(75%-125%)		03/19/26 16:02
Volatile-GC/MS											
Batch 2965128											
QC1206413964 LCS											
1,1,1-Trichloroethane	50.0				50.0	ug/L		100	(70%-130%)	JM6	03/20/26 09:39
1,1,2,2-Tetrachloroethane	50.0				51.3	ug/L		103	(70%-130%)		
1,1,2-Trichloroethane	50.0				46.8	ug/L		94	(70%-130%)		
1,1-Dichloroethane	50.0				47.3	ug/L		95	(70%-130%)		
1,1-Dichloroethylene	50.0				61.8	ug/L		124	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				59.6	ug/L		119	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				56.8	ug/L		114	(70%-130%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
1,2-Dibromo-3-chloropropane	50.0			48.7	ug/L		97	(70%-130%)	JM6	03/20/26 09:39
1,2-Dibromoethane	50.0			49.6	ug/L		99	(70%-130%)		
1,2-Dichlorobenzene	50.0			46.4	ug/L		93	(70%-130%)		
1,2-Dichloroethane	50.0			43.6	ug/L		87	(70%-130%)		
1,2-Dichloropropane	50.0			46.5	ug/L		93	(70%-130%)		
1,3-Dichlorobenzene	50.0			46.4	ug/L		93	(70%-130%)		
1,4-Dichlorobenzene	50.0			45.1	ug/L		90	(70%-130%)		
2-Butanone	250			272	ug/L		109	(70%-130%)		
2-Hexanone	250			266	ug/L		106	(70%-130%)		
4-Methyl-2-pentanone	250			258	ug/L		103	(70%-130%)		
Acetone	250			259	ug/L		104	(70%-130%)		
Benzene	50.0			45.7	ug/L		91	(70%-130%)		
Bromochloromethane	50.0			45.2	ug/L		90	(70%-130%)		
Bromodichloromethane	50.0			49.2	ug/L		98	(70%-130%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
Bromoform	50.0			38.5	ug/L		77	(70%-130%)	JM6	03/20/26 09:39
Bromomethane	50.0			54.8	ug/L		110	(70%-130%)		
Carbon disulfide	250			339	ug/L		136*	(70%-130%)		
Carbon tetrachloride	50.0			51.9	ug/L		104	(70%-130%)		
Chlorobenzene	50.0			44.8	ug/L		90	(70%-130%)		
Chloroethane	50.0			59.2	ug/L		118	(70%-130%)		
Chloroform	50.0			46.5	ug/L		93	(70%-130%)		
Chloromethane	50.0			46.8	ug/L		94	(70%-130%)		
Cyclohexane	50.0			52.0	ug/L		104	(70%-130%)		
Dibromochloromethane	50.0			41.2	ug/L		82	(70%-130%)		
Dichlorodifluoromethane	50.0			50.3	ug/L		101	(70%-130%)		
Ethylbenzene	50.0			44.4	ug/L		89	(70%-130%)		
Isopropylbenzene	50.0			51.9	ug/L		104	(70%-130%)		
Methyl acetate	250			263	ug/L		105	(70%-130%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
Methylcyclohexane	50.0			50.1	ug/L		100	(70%-130%)	JM6	03/20/26 09:39
Methylene chloride	50.0			51.4	ug/L		103	(70%-130%)		
Styrene	50.0			46.3	ug/L		93	(70%-130%)		
Tetrachloroethylene	50.0			46.6	ug/L		93	(70%-130%)		
Toluene	50.0			44.7	ug/L		89	(70%-130%)		
Trichloroethylene	50.0			47.4	ug/L		95	(70%-130%)		
Trichlorofluoromethane	50.0			53.6	ug/L		107	(70%-130%)		
Vinyl chloride	50.0			50.1	ug/L		100	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			47.0	ug/L		94	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			49.8	ug/L		100	(70%-130%)		
m,p-Xylenes	100			91.6	ug/L		92	(70%-130%)		
o-Xylene	50.0			45.6	ug/L		91	(70%-130%)		
tert-Butyl methyl ether	50.0			44.0	ug/L		88	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			48.5	ug/L		97	(70%-130%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
trans-1,3-Dichloropropylene	50.0			49.5	ug/L		99	(70%-130%)	JM6	03/20/26 09:39
**1,2-Dichloroethane-d4	50.0			48.3	ug/L		97	(71%-131%)		
**Bromofluorobenzene	50.0			49.7	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			47.2	ug/L		94	(77%-121%)		
QC1206413965 LCS										
1,4-Dioxane	2500		E	3190	ug/L		128	(70%-130%)		03/20/26 10:33
Trichlorotrifluoroethane	250			265	ug/L		106	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			49.7	ug/L		99	(71%-131%)		
**Bromofluorobenzene	50.0			50.8	ug/L		102	(77%-123%)		
**Toluene-d8	50.0			47.5	ug/L		95	(77%-121%)		
QC1206413967 LCSD										
1,1,1-Trichloroethane	50.0			47.1	ug/L	6	94	(0%-20%)		03/20/26 10:06
1,1,2,2-Tetrachloroethane	50.0			49.3	ug/L	4	99	(0%-20%)		
1,1,2-Trichloroethane	50.0			47.5	ug/L	2	95	(0%-20%)		
1,1-Dichloroethane	50.0			49.1	ug/L	4	98	(0%-20%)		
1,1-Dichloroethylene	50.0			56.5	ug/L	9	113	(0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
1,2,3-Trichlorobenzene	50.0			50.4	ug/L	17	101	(0%-20%)	JM6	03/20/26 10:06
1,2,4-Trichlorobenzene	50.0			50.0	ug/L	13	100	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0			47.4	ug/L	3	95	(0%-20%)		
1,2-Dibromoethane	50.0			50.2	ug/L	1	100	(0%-20%)		
1,2-Dichlorobenzene	50.0			44.9	ug/L	3	90	(0%-20%)		
1,2-Dichloroethane	50.0			45.5	ug/L	4	91	(0%-20%)		
1,2-Dichloropropane	50.0			48.8	ug/L	5	98	(0%-20%)		
1,3-Dichlorobenzene	50.0			44.9	ug/L	3	90	(0%-20%)		
1,4-Dichlorobenzene	50.0			43.6	ug/L	3	87	(0%-20%)		
2-Butanone	250			282	ug/L	4	113	(0%-20%)		
2-Hexanone	250			302	ug/L	13	121	(0%-20%)		
4-Methyl-2-pentanone	250			289	ug/L	11	115	(0%-20%)		
Acetone	250			262	ug/L	1	105	(0%-20%)		
Benzene	50.0			46.0	ug/L	1	92	(0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
Bromochloromethane	50.0			48.8	ug/L	8	98	(0%-20%)	JM6	03/20/26 10:06
Bromodichloromethane	50.0			50.6	ug/L	3	101	(0%-20%)		
Bromoform	50.0			41.5	ug/L	8	83	(0%-20%)		
Bromomethane	50.0			49.9	ug/L	9	100	(0%-20%)		
Carbon disulfide	250			298	ug/L	13	119	(0%-20%)		
Carbon tetrachloride	50.0			47.6	ug/L	9	95	(0%-20%)		
Chlorobenzene	50.0			44.1	ug/L	2	88	(0%-20%)		
Chloroethane	50.0			53.5	ug/L	10	107	(0%-20%)		
Chloroform	50.0			46.2	ug/L	1	92	(0%-20%)		
Chloromethane	50.0			43.6	ug/L	7	87	(0%-20%)		
Cyclohexane	50.0			49.2	ug/L	6	98	(0%-20%)		
Dibromochloromethane	50.0			41.9	ug/L	1	84	(0%-20%)		
Dichlorodifluoromethane	50.0			46.5	ug/L	8	93	(0%-20%)		
Ethylbenzene	50.0			44.7	ug/L	1	89	(0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
Isopropylbenzene	50.0			48.6	ug/L	7	97	(0%-20%)	JM6	03/20/26 10:06
Methyl acetate	250			272	ug/L	3	109	(0%-20%)		
Methylcyclohexane	50.0			48.4	ug/L	3	97	(0%-20%)		
Methylene chloride	50.0			46.4	ug/L	10	93	(0%-20%)		
Styrene	50.0			52.6	ug/L	13	105	(0%-20%)		
Tetrachloroethylene	50.0			44.4	ug/L	5	89	(0%-20%)		
Toluene	50.0			44.6	ug/L	0	89	(0%-20%)		
Trichloroethylene	50.0			45.5	ug/L	4	91	(0%-20%)		
Trichlorofluoromethane	50.0			48.7	ug/L	10	97	(0%-20%)		
Vinyl chloride	50.0			45.8	ug/L	9	92	(0%-20%)		
cis-1,2-Dichloroethylene	50.0			45.5	ug/L	3	91	(0%-20%)		
cis-1,3-Dichloropropylene	50.0			52.5	ug/L	5	105	(0%-20%)		
m,p-Xylenes	100			95.5	ug/L	4	96	(0%-20%)		
o-Xylene	50.0			50.8	ug/L	11	102	(0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
tert-Butyl methyl ether	50.0			45.8	ug/L	4	92	(0%-20%)	JM6	03/20/26 10:06
trans-1,2-Dichloroethylene	50.0			49.1	ug/L	1	98	(0%-20%)		
trans-1,3-Dichloropropylene	50.0			52.6	ug/L	6	105	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			50.8	ug/L		102	(71%-131%)		
**Bromofluorobenzene	50.0			48.0	ug/L		96	(77%-123%)		
**Toluene-d8	50.0			47.8	ug/L		96	(77%-121%)		
QC1206413968 LCSD										
1,4-Dioxane	2500		E	3330	ug/L	4	133 *	(0%-20%)		03/20/26 10:59
Trichlorotrifluoroethane	250			254	ug/L	4	102	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			46.7	ug/L		93	(71%-131%)		
**Bromofluorobenzene	50.0			49.0	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			46.7	ug/L		93	(77%-121%)		
QC1206413966 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/20/26 11:53
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2965128											
1,1-Dichloroethane			U	ND	ug/L				JM6	03/20/26	11:53
1,1-Dichloroethylene			U	ND	ug/L						
1,2,3-Trichlorobenzene			U	ND	ug/L						
1,2,4-Trichlorobenzene			U	ND	ug/L						
1,2-Dibromo-3-chloropropane			U	ND	ug/L						
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
4-Methyl-2-pentanone			U	ND	ug/L				JM6	03/20/26 11:53
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
Dibromochloromethane			U	ND	ug/L				JM6	03/20/26 11:53
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965128										
cis-1,2-Dichloroethylene			U	ND	ug/L				JM6	03/20/26 11:53
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			46.8	ug/L		94	(71%-131%)		
**Bromofluorobenzene	50.0			47.1	ug/L		94	(77%-123%)		
**Toluene-d8	50.0			45.7	ug/L		91	(77%-121%)		
Batch 2965810										
QC1206415268 LCS										
1,1,1-Trichloroethane	50.0			45.7	ug/kg		91	(72%-126%)	JEB	03/23/26 08:15
1,1,2,2-Tetrachloroethane	50.0			47.4	ug/kg		95	(69%-120%)		
1,1,2-Trichloroethane	50.0			44.5	ug/kg		89	(74%-120%)		
1,1-Dichloroethane	50.0			41.0	ug/kg		82	(72%-126%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,1-Dichloroethylene	50.0			42.0	ug/kg		84	(71%-136%)	JEB	03/23/26 08:15
1,2,3-Trichlorobenzene	50.0			47.6	ug/kg		95	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			47.8	ug/kg		96	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			49.4	ug/kg		99	(60%-135%)		
1,2-Dibromoethane	50.0			48.8	ug/kg		98	(79%-120%)		
1,2-Dichlorobenzene	50.0			44.4	ug/kg		89	(73%-120%)		
1,2-Dichloroethane	50.0			39.6	ug/kg		79	(66%-123%)		
1,2-Dichloropropane	50.0			42.9	ug/kg		86	(72%-120%)		
1,3-Dichlorobenzene	50.0			44.0	ug/kg		88	(72%-120%)		
1,4-Dichlorobenzene	50.0			44.1	ug/kg		88	(72%-120%)		
2-Butanone	250			220	ug/kg		88	(66%-125%)		
2-Hexanone	250			223	ug/kg		89	(64%-131%)		
4-Methyl-2-pentanone	250			223	ug/kg		89	(70%-126%)		
Acetone	250			177	ug/kg		71	(60%-124%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Benzene	50.0			43.3	ug/kg		87	(73%-120%)	JEB	03/23/26 08:15
Bromochloromethane	50.0			48.3	ug/kg		97	(73%-123%)		
Bromodichloromethane	50.0			50.2	ug/kg		100	(74%-124%)		
Bromoform	50.0			52.3	ug/kg		105	(64%-126%)		
Bromomethane	50.0			43.7	ug/kg		87	(67%-138%)		
Carbon disulfide	250			210	ug/kg		84	(69%-136%)		
Carbon tetrachloride	50.0			48.3	ug/kg		97	(72%-132%)		
Chlorobenzene	50.0			43.5	ug/kg		87	(74%-120%)		
Chloroethane	50.0			47.2	ug/kg		94	(69%-133%)		
Chloroform	50.0			42.4	ug/kg		85	(72%-122%)		
Chloromethane	50.0			65.1	ug/kg		130	(53%-142%)		
Cyclohexane	50.0			44.5	ug/kg		89	(63%-130%)		
Dibromochloromethane	50.0			46.9	ug/kg		94	(73%-125%)		
Dichlorodifluoromethane	50.0			55.9	ug/kg		112	(57%-150%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Ethylbenzene	50.0			41.9	ug/kg		84	(72%-120%)	JEB	03/23/26 08:15
Isopropylbenzene	50.0			45.2	ug/kg		90	(74%-129%)		
Methyl acetate	250			213	ug/kg		85	(66%-131%)		
Methylcyclohexane	50.0			45.6	ug/kg		91	(71%-127%)		
Methylene chloride	50.0			39.4	ug/kg		79	(71%-124%)		
Styrene	50.0			45.9	ug/kg		92	(70%-123%)		
Tetrachloroethylene	50.0			46.6	ug/kg		93	(68%-126%)		
Toluene	50.0			42.1	ug/kg		84	(73%-120%)		
Trichloroethylene	50.0			43.8	ug/kg		88	(74%-122%)		
Trichlorofluoromethane	50.0			47.1	ug/kg		94	(66%-137%)		
Vinyl chloride	50.0			78.1	ug/kg		156*	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			39.8	ug/kg		80	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			49.7	ug/kg		99	(74%-123%)		
m,p-Xylenes	100			86.7	ug/kg		87	(72%-121%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
o-Xylene	50.0			41.4	ug/kg		83	(73%-120%)	JEB	03/23/26 08:15
tert-Butyl methyl ether	50.0			44.8	ug/kg		90	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			40.0	ug/kg		80	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			43.4	ug/kg		87	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			43.6	ug/L		87	(75%-131%)		
**Bromofluorobenzene	50.0			43.4	ug/L		87	(67%-136%)		
**Toluene-d8	50.0			43.5	ug/L		87	(79%-122%)		
QC1206415269 LCS										
1,4-Dioxane	2500			1750	ug/kg		70	(57%-134%)		03/23/26 08:40
Trichlorotrifluoroethane	250			242	ug/kg		97	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			42.4	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0			42.8	ug/L		86	(67%-136%)		
**Toluene-d8	50.0			44.2	ug/L		88	(79%-122%)		
QC1206416103 LCS										
1,1,1-Trichloroethane	50.0			45.8	ug/kg		92	(72%-126%)		03/23/26 21:16
1,1,2,2-Tetrachloroethane	50.0			52.7	ug/kg		105	(69%-120%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,1,2-Trichloroethane	50.0			50.8	ug/kg		102	(74%-120%)	JEB	03/23/26 21:16
1,1-Dichloroethane	50.0			43.3	ug/kg		87	(72%-126%)		
1,1-Dichloroethylene	50.0			42.5	ug/kg		85	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			46.9	ug/kg		94	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			45.3	ug/kg		91	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			54.0	ug/kg		108	(60%-135%)		
1,2-Dibromoethane	50.0			55.5	ug/kg		111	(79%-120%)		
1,2-Dichlorobenzene	50.0			46.9	ug/kg		94	(73%-120%)		
1,2-Dichloroethane	50.0			43.5	ug/kg		87	(66%-123%)		
1,2-Dichloropropane	50.0			47.2	ug/kg		94	(72%-120%)		
1,3-Dichlorobenzene	50.0			46.1	ug/kg		92	(72%-120%)		
1,4-Dichlorobenzene	50.0			46.1	ug/kg		92	(72%-120%)		
2-Butanone	250			273	ug/kg		109	(66%-125%)		
2-Hexanone	250			266	ug/kg		106	(64%-131%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
4-Methyl-2-pentanone	250			264	ug/kg		106	(70%-126%)	JEB	03/23/26 21:16
Acetone	250			234	ug/kg		93	(60%-124%)		
Benzene	50.0			46.2	ug/kg		92	(73%-120%)		
Bromochloromethane	50.0			52.4	ug/kg		105	(73%-123%)		
Bromodichloromethane	50.0			53.0	ug/kg		106	(74%-124%)		
Bromoform	50.0			56.1	ug/kg		112	(64%-126%)		
Bromomethane	50.0			40.2	ug/kg		80	(67%-138%)		
Carbon disulfide	250			218	ug/kg		87	(69%-136%)		
Carbon tetrachloride	50.0			48.2	ug/kg		96	(72%-132%)		
Chlorobenzene	50.0			47.0	ug/kg		94	(74%-120%)		
Chloroethane	50.0			42.0	ug/kg		84	(69%-133%)		
Chloroform	50.0			44.5	ug/kg		89	(72%-122%)		
Chloromethane	50.0			62.1	ug/kg		124	(53%-142%)		
Cyclohexane	50.0			45.0	ug/kg		90	(63%-130%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Dibromochloromethane	50.0			50.0	ug/kg		100	(73%-125%)	JEB	03/23/26 21:16
Dichlorodifluoromethane	50.0			34.6	ug/kg		69	(57%-150%)		
Ethylbenzene	50.0			43.8	ug/kg		88	(72%-120%)		
Isopropylbenzene	50.0			45.0	ug/kg		90	(74%-129%)		
Methyl acetate	250			253	ug/kg		101	(66%-131%)		
Methylcyclohexane	50.0			46.2	ug/kg		92	(71%-127%)		
Methylene chloride	50.0			45.2	ug/kg		90	(71%-124%)		
Styrene	50.0			49.8	ug/kg		100	(70%-123%)		
Tetrachloroethylene	50.0			47.7	ug/kg		95	(68%-126%)		
Toluene	50.0			44.6	ug/kg		89	(73%-120%)		
Trichloroethylene	50.0			45.4	ug/kg		91	(74%-122%)		
Trichlorofluoromethane	50.0			39.9	ug/kg		80	(66%-137%)		
Vinyl chloride	50.0			68.3	ug/kg		137	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			42.0	ug/kg		84	(73%-122%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
cis-1,3-Dichloropropylene	50.0			54.2	ug/kg		108	(74%-123%)	JEB	03/23/26 21:16
m,p-Xylenes	100			91.8	ug/kg		92	(72%-121%)		
o-Xylene	50.0			43.4	ug/kg		87	(73%-120%)		
tert-Butyl methyl ether	50.0			50.2	ug/kg		100	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			41.2	ug/kg		82	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			48.4	ug/kg		97	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(75%-131%)		
**Bromofluorobenzene	50.0			43.3	ug/L		87	(67%-136%)		
**Toluene-d8	50.0			44.0	ug/L		88	(79%-122%)		
QC1206416104 LCS										
1,4-Dioxane	2500			2300	ug/kg		92	(57%-134%)		03/23/26 21:42
Trichlorotrifluoroethane	250			188	ug/kg		75	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(75%-131%)		
**Bromofluorobenzene	50.0			42.3	ug/L		85	(67%-136%)		
**Toluene-d8	50.0			43.8	ug/L		88	(79%-122%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
QC1206415270 MB										
1,1,1-Trichloroethane			U	ND	ug/kg				JEB	03/23/26 09:31
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,4-Dioxane			U	ND	ug/kg				JEB	03/23/26 09:31
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Chloroform			U	ND	ug/kg				JEB	03/23/26 09:31
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Trichlorofluoromethane			U	ND	ug/kg				JEB	03/23/26 09:31
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			42.3	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0			39.6	ug/L		79	(67%-136%)		
**Toluene-d8	50.0			43.4	ug/L		87	(79%-122%)		
QC1206416105 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					03/23/26 22:32

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,1,2,2-Tetrachloroethane			U	ND	ug/kg				JEB	03/23/26 22:32
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2965810											
2-Butanone			U	ND	ug/kg				JEB	03/23/26	22:32
2-Hexanone			U	ND	ug/kg						
4-Methyl-2-pentanone			U	ND	ug/kg						
Acetone			U	ND	ug/kg						
Benzene			U	ND	ug/kg						
Bromochloromethane			U	ND	ug/kg						
Bromodichloromethane			U	ND	ug/kg						
Bromoform			U	ND	ug/kg						
Bromomethane			U	ND	ug/kg						
Carbon disulfide			U	ND	ug/kg						
Carbon tetrachloride			U	ND	ug/kg						
Chlorobenzene			U	ND	ug/kg						
Chloroethane			U	ND	ug/kg						
Chloroform			U	ND	ug/kg						

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Chloromethane			U	ND	ug/kg				JEB	03/23/26 22:32
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Trichlorotrifluoroethane			U	ND	ug/kg				JEB	03/23/26 22:32
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			40.5	ug/L		81	(75%-131%)		
**Bromofluorobenzene	50.0			40.2	ug/L		80	(67%-136%)		
**Toluene-d8	50.0			46.5	ug/L		93	(79%-122%)		
QC1206415271 767858001 MS										
1,1,1-Trichloroethane	24800	U	ND	22200	ug/kg		90	(41%-133%)		03/23/26 18:46
1,1,2,2-Tetrachloroethane	24800	U	ND	21400	ug/kg		86	(37%-136%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
1,1,2-Trichloroethane	24800	U	ND		22700	ug/kg		92	(44%-128%)	JEB	03/23/26 18:46
1,1-Dichloroethane	24800	U	ND		20500	ug/kg		83	(44%-135%)		
1,1-Dichloroethylene	24800	U	ND		22700	ug/kg		92	(40%-147%)		
1,2,3-Trichlorobenzene	24800	U	ND		21700	ug/kg		88	(30%-133%)		
1,2,4-Trichlorobenzene	24800	U	ND		20700	ug/kg		83	(29%-139%)		
1,2-Dibromo-3-chloropropane	24800	U	ND		23200	ug/kg		94	(30%-142%)		
1,2-Dibromoethane	24800	U	ND		25300	ug/kg		102	(45%-133%)		
1,2-Dichlorobenzene	24800	U	ND		19900	ug/kg		80	(24%-133%)		
1,2-Dichloroethane	24800	U	ND		19500	ug/kg		79	(43%-129%)		
1,2-Dichloropropane	24800	U	ND		20700	ug/kg		84	(44%-128%)		
1,3-Dichlorobenzene	24800	U	ND		21500	ug/kg		87	(24%-132%)		
1,4-Dichlorobenzene	24800	U	ND		20700	ug/kg		83	(24%-132%)		
2-Butanone	124000	U	ND		115000	ug/kg		93	(43%-134%)		
2-Hexanone	124000	U	ND		114000	ug/kg		92	(34%-142%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2965810												
4-Methyl-2-pentanone	124000	U	ND		117000	ug/kg		95	(44%-137%)	JEB	03/23/26	18:46
Acetone	124000	U	ND		100000	ug/kg		81	(37%-134%)			
Benzene	24800	U	ND		21100	ug/kg		85	(43%-127%)			
Bromochloromethane	24800	U	ND		23300	ug/kg		94	(45%-132%)			
Bromodichloromethane	24800	U	ND		23600	ug/kg		95	(44%-130%)			
Bromoform	24800	U	ND		22300	ug/kg		90	(34%-131%)			
Bromomethane	24800	U	ND		20300	ug/kg		82	(15%-150%)			
Carbon disulfide	124000	U	ND		111000	ug/kg		89	(39%-145%)			
Carbon tetrachloride	24800	U	ND		23500	ug/kg		95	(40%-137%)			
Chlorobenzene	24800	U	ND		21800	ug/kg		88	(35%-128%)			
Chloroethane	24800	U	ND		21100	ug/kg		85	(35%-142%)			
Chloroform	24800	U	ND		20800	ug/kg		84	(44%-129%)			
Chloromethane	24800	U	ND		30600	ug/kg		124	(32%-150%)			
Cyclohexane	24800	U	ND		21500	ug/kg		87	(30%-136%)			

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Dibromochloromethane	24800	U	ND		22400	ug/kg		90	(42%-130%)	JEB	03/23/26 18:46
Dichlorodifluoromethane	24800	U	ND		20500	ug/kg		83	(31%-159%)		
Ethylbenzene	24800	U	ND		21100	ug/kg		85	(33%-131%)		
Isopropylbenzene	24800	U	ND		21600	ug/kg		87	(27%-147%)		
Methyl acetate	124000	U	ND		119000	ug/kg		96	(42%-154%)		
Methylcyclohexane	24800	U	ND		22900	ug/kg		92	(27%-137%)		
Methylene chloride	24800	U	ND		20300	ug/kg		82	(43%-136%)		
Styrene	24800	U	ND		22500	ug/kg		91	(29%-133%)		
Tetrachloroethylene	24800	U	ND		23800	ug/kg		96	(31%-134%)		
Toluene	24800	U	ND		21500	ug/kg		87	(35%-132%)		
Trichloroethylene	24800	U	ND		22300	ug/kg		90	(39%-133%)		
Trichlorofluoromethane	24800	U	ND		20200	ug/kg		82	(39%-140%)		
Vinyl chloride	24800	U	ND		34300	ug/kg		138	(32%-146%)		
cis-1,2-Dichloroethylene	24800	U	ND		19600	ug/kg		79	(43%-131%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
cis-1,3-Dichloropropylene	24800	U	ND		23300	ug/kg		94	(38%-131%)	JEB	03/23/26 18:46
m,p-Xylenes	49500	U	ND		43300	ug/kg		88	(32%-131%)		
o-Xylene	24800	U	ND		20900	ug/kg		84	(33%-131%)		
tert-Butyl methyl ether	24800	U	ND		20500	ug/kg		83	(46%-128%)		
trans-1,2-Dichloroethylene	24800	U	ND		20800	ug/kg		84	(41%-135%)		
trans-1,3-Dichloropropylene	24800	U	ND		20400	ug/kg		82	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		40.4		42.5	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		39.3	ug/L		79	(67%-136%)		
**Toluene-d8	50.0		46.8		45.7	ug/L		91	(79%-122%)		
QC1206415273 767858001 MS											
1,4-Dioxane	1240000	U	ND		812000	ug/kg		66	(40%-142%)		03/23/26 19:36
Trichlorotrifluoroethane	124000	U	ND		119000	ug/kg		97	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		40.4		41.1	ug/L		82	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		43.2	ug/L		86	(67%-136%)		
**Toluene-d8	50.0		46.8		45.7	ug/L		91	(79%-122%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2965810												
QC1206415272 767858001 MSD												
1,1,1-Trichloroethane	24800	U	ND		23700	ug/kg	6	96	(0%-20%)	JEB	03/23/26	19:11
1,1,2,2-Tetrachloroethane	24800	U	ND		24800	ug/kg	15	100	(0%-20%)			
1,1,2-Trichloroethane	24800	U	ND		24200	ug/kg	6	98	(0%-20%)			
1,1-Dichloroethane	24800	U	ND		21700	ug/kg	6	88	(0%-20%)			
1,1-Dichloroethylene	24800	U	ND		24100	ug/kg	6	97	(0%-20%)			
1,2,3-Trichlorobenzene	24800	U	ND		24800	ug/kg	13	100	(0%-20%)			
1,2,4-Trichlorobenzene	24800	U	ND		23700	ug/kg	14	96	(0%-20%)			
1,2-Dibromo-3-chloropropane	24800	U	ND		26400	ug/kg	13	106	(0%-20%)			
1,2-Dibromoethane	24800	U	ND		26700	ug/kg	6	108	(0%-20%)			
1,2-Dichlorobenzene	24800	U	ND		23400	ug/kg	16	95	(0%-20%)			
1,2-Dichloroethane	24800	U	ND		20600	ug/kg	6	83	(0%-20%)			
1,2-Dichloropropane	24800	U	ND		22100	ug/kg	7	89	(0%-20%)			
1,3-Dichlorobenzene	24800	U	ND		23000	ug/kg	7	93	(0%-20%)			
1,4-Dichlorobenzene	24800	U	ND		22800	ug/kg	10	92	(0%-20%)			

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
2-Butanone	124000	U	ND		115000	ug/kg	0	93	(0%-20%)	JEB	03/23/26 19:11
2-Hexanone	124000	U	ND		118000	ug/kg	4	95	(0%-20%)		
4-Methyl-2-pentanone	124000	U	ND		123000	ug/kg	5	100	(0%-20%)		
Acetone	124000	U	ND		91400	ug/kg	9	74	(0%-20%)		
Benzene	24800	U	ND		22600	ug/kg	7	91	(0%-20%)		
Bromochloromethane	24800	U	ND		24500	ug/kg	5	99	(0%-20%)		
Bromodichloromethane	24800	U	ND		25000	ug/kg	6	101	(0%-20%)		
Bromoform	24800	U	ND		26700	ug/kg	18	108	(0%-20%)		
Bromomethane	24800	U	ND		21800	ug/kg	7	88	(0%-20%)		
Carbon disulfide	124000	U	ND		118000	ug/kg	7	96	(0%-20%)		
Carbon tetrachloride	24800	U	ND		25100	ug/kg	6	101	(0%-20%)		
Chlorobenzene	24800	U	ND		23400	ug/kg	7	95	(0%-20%)		
Chloroethane	24800	U	ND		23500	ug/kg	11	95	(0%-20%)		
Chloroform	24800	U	ND		21900	ug/kg	5	89	(0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Chloromethane	24800	U	ND		34000	ug/kg	11	138	(0%-20%)	JEB	03/23/26 19:11
Cyclohexane	24800	U	ND		22900	ug/kg	6	92	(0%-20%)		
Dibromochloromethane	24800	U	ND		23800	ug/kg	6	96	(0%-20%)		
Dichlorodifluoromethane	24800	U	ND		22500	ug/kg	9	91	(0%-20%)		
Ethylbenzene	24800	U	ND		22700	ug/kg	7	92	(0%-20%)		
Isopropylbenzene	24800	U	ND		25400	ug/kg	16	103	(0%-20%)		
Methyl acetate	124000	U	ND		124000	ug/kg	4	101	(0%-20%)		
Methylcyclohexane	24800	U	ND		24200	ug/kg	6	98	(0%-20%)		
Methylene chloride	24800	U	ND		21600	ug/kg	6	87	(0%-20%)		
Styrene	24800	U	ND		23900	ug/kg	6	97	(0%-20%)		
Tetrachloroethylene	24800	U	ND		25300	ug/kg	6	102	(0%-20%)		
Toluene	24800	U	ND		22900	ug/kg	6	93	(0%-20%)		
Trichloroethylene	24800	U	ND		23900	ug/kg	7	97	(0%-20%)		
Trichlorofluoromethane	24800	U	ND		22500	ug/kg	11	91	(0%-20%)		

QC Summary

Workorder: **767474**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Vinyl chloride	24800	U	ND		38400	ug/kg	11	155*	(0%-20%)	JEB	03/23/26 19:11
cis-1,2-Dichloroethylene	24800	U	ND		21000	ug/kg	7	85	(0%-20%)		
cis-1,3-Dichloropropylene	24800	U	ND		25000	ug/kg	7	101	(0%-20%)		
m,p-Xylenes	49500	U	ND		46800	ug/kg	8	94	(0%-20%)		
o-Xylene	24800	U	ND		22100	ug/kg	6	89	(0%-20%)		
tert-Butyl methyl ether	24800	U	ND		22400	ug/kg	9	90	(0%-20%)		
trans-1,2-Dichloroethylene	24800	U	ND		21800	ug/kg	5	88	(0%-20%)		
trans-1,3-Dichloropropylene	24800	U	ND		22300	ug/kg	9	90	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		40.4		42.5	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		44.9	ug/L		90	(67%-136%)		
**Toluene-d8	50.0		46.8		46.0	ug/L		92	(79%-122%)		
QC1206415274 767858001 MSD											
1,4-Dioxane	1240000	U	ND		921000	ug/kg	13	74	(0%-20%)		03/23/26 20:01
Trichlorotrifluoroethane	124000	U	ND		120000	ug/kg	1	97	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		40.4		44.1	ug/L		88	(75%-131%)		

QC Summary

Workorder: **767474**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
**Bromofluorobenzene	50.0	41.2		43.1	ug/L		86	(67%-136%)	JEB	03/23/26 20:01
**Toluene-d8	50.0	46.8		50.0	ug/L		100	(79%-122%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
E	E	Concentration of the target analyte exceeds the instrument calibration range
J	J	Value is estimated
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

roject # RVDE00425
EL Quote #:
OC Number [1]:
O Number:

Chain of Custody and Analytical Request

GEL Work Order Number: **GEL Project Manager:**

2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

767474

lient Name: GEL Engineering Phone #
roject/Site Name: Liberty Steel VCC Fax #
ddress: Georgetown, SC
ollected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested [5] (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code [2]	Field Filtered [3]	Sample Matrix [4]	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TAL Metals, TCL SVOCs	<-- Preservative Type (6)
LS-TB-030926	03-09-26	1330	TB	N	DI			3	3		Headspace in 2 vials
LS-SB-32-1.0	↓	1420	G	N	SO			1		1	
LS-SB-32-3.0		1425	G	N	SO			4	3	1	
LS-SB-31-1.0		1450	G	N	SO			1		1	
LS-SB-08-1.0		1610	G	N	SO			1		1	
LS-SB-08-3.0		1615	G	N	SO			4	3	1	

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
	3-10-26	0800	1	3/10/26	0800
			2		
			3		

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level I [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] *Yes* [ ] *No* ***Cooler Temp:*** 0 °C

For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone : [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

) Chain of Custody Number = Client Determined

) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

) Field Filtered: For liquid matrices, indicate with a - **Y** - for yes the sample was field filtered or - **N** - for sample was not field filtered.

) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**).

) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

) **KNOWN OR POSSIBLE HAZARDS**

CRA Metals
s = Arsenic **Hg**= Mercury
a = Barium **Se**= Selenium
d = Cadmium **Ag**= Silver
r = Chromium **MR**= Misc. RCRA metals
b = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposa concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE | SDG/AR/COC/Work Order: 767474 | GEL PM: JR

Received By: CLM | Date Received at GEL: 3/10/26

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR5-23 Daily Calibration Performed? Y N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
N/A	0°				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?			✓	Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?			✓	Circle Applicable: No container count on COC Missing Container (provide details) Other (describe) Received 1 extra sample (percent moisture sample)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:
for IDs: LS-SB-32-3.0 and LS-SB-08-3.0.

PM (or PMA) review: Initials CM Date 3/11/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 767474

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2965128

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474001	LS-TB-030926
1206413964	Laboratory Control Sample (LCS) **Batch 2965128**
1206413965	Laboratory Control Sample (LCS)
1206413966	Method Blank (MB)
1206413967	Laboratory Control Sample Duplicate (LCSD)
1206413968	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCS/LCSD pair were analyzed in order to demonstrate precision and accuracy.

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206413964 (LCS)	Carbon disulfide	136* (70%-130%)
1206413968 (LCSD)	1, 4-Dioxane	133* (70%-130%)

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2965810

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2965809

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474003	LS-SB-32-3.0
767474006	LS-SB-08-3.0
1206415268	Laboratory Control Sample (LCS) **Batch 2965810**
1206415269	Laboratory Control Sample (LCS)
1206415270	Method Blank (MB)
1206415271	767858001(NonSDG) Matrix Spike (MS)
1206415272	767858001(NonSDG) Matrix Spike Duplicate (MSD)
1206415273	767858001(NonSDG) Matrix Spike (MS)
1206415274	767858001(NonSDG) Matrix Spike Duplicate (MSD)
1206416103	Laboratory Control Sample (LCS)
1206416104	Laboratory Control Sample (LCS)
1206416105	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 767474003 (LS-SB-32-3.0) and 767474006 (LS-SB-08-3.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206415268 (LCS)	Vinyl chloride	156* (54%-142%)

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206415272 (Non SDG 767858001MSD)	Vinyl chloride	155* (32%-146%)

Internal Standard (ISTD) Acceptance
In sample 767474006 (LS-SB-08-3.0), internal standard responses were outside the required acceptance criteria. Sample re-analysis confirmed matrix interference. The initial results are reported.

Technical Information

Sample Dilutions/Methanol Dilutions
Samples 1206415271 (Non SDG 767858001MS), 1206415272 (Non SDG 767858001MSD), 1206415273 (Non SDG 767858001MS) and 1206415274 (Non SDG 767858001MSD) were analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

Sample Re-extraction/Re-analysis
Sample 767474006 (LS-SB-08-3.0) was re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analysis confirmed. The initial results are reported.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2958994

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2958991

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474003	LS-SB-32-3.0
767474004	LS-SB-31-1.0
767474005	LS-SB-08-1.0
767474006	LS-SB-08-3.0
1206402572	Method Blank (MB) **Batch 2958994**
1206402573	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
Sample 767474005 (LS-SB-08-1.0) was diluted because the extract was very dark and/or viscous. The data from the

dilution were reported.

Sample Re-extraction/Re-analysis
Sample 767474002 (LS-SB-32-1.0) was re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
767474003 (LS-SB-32-3.0)	Indeno(1, 2, 3-cd)pyrene	Result 12.3ug/kg

Additional Comments
The additional comments field is used to address special issues associated with each analysis, clarify method/contractual issues pertaining to the analysis, and to list any report documents generated as a result of sample analysis or review. The following additional comments were required:

Please note that there is no reportable MS/MSD data for samples 767474003 (LS-SB-32-3.0), 767474004 (LS-SB-31-1.0), 767474005 (LS-SB-08-1.0) and 767474006 (LS-SB-08-3.0) due to the parent sample being status to "Do not Use", as it was re-extracted for surrogate failure confirmation.
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2961186

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2961185

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474002	LS-SB-32-1.0
1206406818	Method Blank (MB) **Batch 2961186**
1206406819	Laboratory Control Sample (LCS)
1206406820	767984008(LS-SB-07-3.0) Matrix Spike (MS)
1206406821	767984008(LS-SB-07-3.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206406819 (LCS)	Benzaldehyde	9* (21%-89%)

Spike Recovery Statement
The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206406820 (LS-SB-07-3.0MS)	Hexachlorocyclopentadiene	0* (16%-60%)
1206406821 (LS-SB-07-3.0MSD)	Hexachlorocyclopentadiene	0* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206406820MS and 1206406821MSD (LS-SB-07-3.0)	Hexachlorobenzene	RPD 34* (0%-30%)

Technical Information

Sample Re-extraction/Re-analysis
Sample 767474002 (LS-SB-32-1.0) was re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2958979

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2958977

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474002	LS-SB-32-1.0
767474003	LS-SB-32-3.0
767474004	LS-SB-31-1.0
767474005	LS-SB-08-1.0
767474006	LS-SB-08-3.0
1206402561	Method Blank (MB)**ICP Batch 2958979**
1206402562	Laboratory Control Sample (LCS)
1206402566	767474002(LS-SB-32-1.0L) Serial Dilution (SD)
1206402563	767474002(LS-SB-32-1.0S) Matrix Spike (MS)
1206402564	767474002(LS-SB-32-1.0SD) Matrix Spike Duplicate (MSD)
1206402565	767474002(LS-SB-32-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206402563 (LS-SB-32-1.0MS)	Arsenic	59.5* (75%-125%)
	Lead	158* (75%-125%)
	Magnesium	133* (75%-125%)
	Potassium	127* (75%-125%)
	Sodium	0* (75%-125%)
	Thallium	65.8* (75%-125%)
1206402564 (LS-SB-32-1.0MSD)	Antimony	141* (75%-125%)
	Copper	73.9* (75%-125%)
	Potassium	70.2* (75%-125%)

	Silver	138* (75%-125%)
	Sodium	0* (75%-125%)
	Vanadium	70.9* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206402563MS and 1206402564MSD (LS-SB-32-1.0)	Antimony	RPD 35.9* (0%-20%)
	Arsenic	RPD 30.4* (0%-20%)
	Cobalt	RPD 27.5* (0%-20%)
	Lead	RPD 29* (0%-20%)
	Manganese	RPD 22.4* (0%-20%)
	Potassium	RPD 57.6* (0%-20%)
	Selenium	RPD 27.3* (0%-20%)
	Silver	RPD 20.4* (0%-20%)
	Thallium	RPD 23.5* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of iron and zinc within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 767474002 (LS-SB-32-1.0), 767474004 (LS-SB-31-1.0) and 767474005 (LS-SB-08-1.0).

Analyte	767474		
	002	004	005
Aluminum	50X	50X	10X
Antimony	50X	50X	10X
Arsenic	50X	50X	10X
Barium	50X	50X	10X
Beryllium	50X	50X	10X
Cadmium	50X	50X	10X
Calcium	50X	50X	10X
Chromium	50X	50X	10X
Cobalt	50X	50X	10X
Copper	50X	50X	10X

Iron	50X	50X	10X
Lead	50X	50X	10X
Magnesium	50X	50X	10X
Manganese	50X	50X	10X
Nickel	50X	50X	10X
Potassium	50X	50X	10X
Selenium	50X	50X	10X
Silver	50X	50X	10X
Sodium	50X	50X	10X
Thallium	50X	50X	10X
Vanadium	50X	50X	10X
Zinc	50X	50X	50X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2959344

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2959342

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474002	LS-SB-32-1.0
767474003	LS-SB-32-3.0
767474004	LS-SB-31-1.0
767474005	LS-SB-08-1.0
767474006	LS-SB-08-3.0
1206403141	Method Blank (MB)**CVAA Batch 2959344**
1206403142	Laboratory Control Sample (LCS)
1206403146	767257001(NonSDGD) Sample Duplicate (DUP)
1206403147	767257001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Sample 767474005 (LS-SB-08-1.0) was diluted to ensure that the analyte concentration was within the linear calibration range of the instrument.

Analyte	767474
	005
Mercury	10X

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2959312

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2959311

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474002	LS-SB-32-1.0
767474003	LS-SB-32-3.0
767474004	LS-SB-31-1.0
767474005	LS-SB-08-1.0
767474006	LS-SB-08-3.0
1206403115	Method Blank (MB) **Batch 2959312**
1206403116	Laboratory Control Sample (LCS)
1206403119	767474004(LS-SB-31-1.0) Sample Duplicate (DUP)
1206403120	767474004(LS-SB-31-1.0) Matrix Spike (MS)
1206411772	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206403120 (LS-SB-31-1.0MS)	12.4* (75%-125%)

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2959050

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767474002	LS-SB-32-1.0
767474003	LS-SB-32-3.0
767474004	LS-SB-31-1.0
767474005	LS-SB-08-1.0
767474006	LS-SB-08-3.0
1206402670	767474002(LS-SB-32-1.0) Sample Duplicate (DUP) **Batch 2959050**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 767718

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 11, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 767718 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

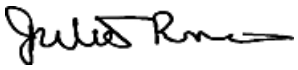
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 767718 GEL Work Order: 767718

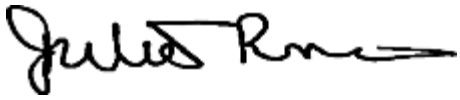
The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
E Concentration of the target analyte exceeds the instrument calibration range
H Analytical holding time was exceeded
J Value is estimated
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TB-031026	Project:	RVDE00226C
Sample ID:	767718001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	10-MAR-26 10:30		
Receive Date:	11-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/24/26	1315	2966451	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031026 Project: RVDE00226C
Sample ID: 767718001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.0 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	55.6 ug/L	50.0	111	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0
Sample ID: 767718002
Matrix: Soil
Collect Date: 10-MAR-26 11:30
Receive Date: 11-MAR-26
Collector: Client
Moisture: 7.12%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	89.9	269	ug/kg	50.0	1	CH9	03/19/26	1537	2960702	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	14.7	8.55	25.5	ug/kg	119	1	PB1	03/13/26	0739	2960527	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3720000	6990	20500	ug/kg	95.4	1	HS2	03/17/26	1646	2959953	3
Antimony	U	ND	339	2050	ug/kg	95.4	1					
Arsenic	J	2140	514	3080	ug/kg	95.4	1					
Barium		10900	103	514	ug/kg	95.4	1					
Beryllium	J	131	103	514	ug/kg	95.4	1					
Cadmium	U	ND	103	514	ug/kg	95.4	1					
Calcium		1400000	8220	25700	ug/kg	95.4	1					
Chromium		4800	154	1030	ug/kg	95.4	1					
Cobalt		725	154	514	ug/kg	95.4	1					
Copper		3990	308	2050	ug/kg	95.4	1					
Iron		3050000	8220	25700	ug/kg	95.4	1					
Lead		10100	339	2050	ug/kg	95.4	1					
Magnesium		305000	8730	30800	ug/kg	95.4	1					
Manganese		19500	205	1030	ug/kg	95.4	1					
Nickel		1370	154	514	ug/kg	95.4	1					
Potassium		194000	6580	25700	ug/kg	95.4	1					
Selenium	J	1110	514	3080	ug/kg	95.4	1					
Silver	U	ND	103	514	ug/kg	95.4	1					
Sodium	J	22000	7190	25700	ug/kg	95.4	1					
Thallium	U	ND	514	2050	ug/kg	95.4	1					
Vanadium		6240	103	514	ug/kg	95.4	1					
Zinc		11100	411	2050	ug/kg	95.4	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	356	ug/kg	0.0331	1	BM1	03/13/26	1842	2960411	4
1,2,4,5-Tetrachlorobenzene	U	ND	107	356	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	107	356	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0 Project: RVDE00226C
Sample ID: 767718002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	107	712	ug/kg	0.0331	1					
2,4-Dinitrotoluene	U	ND	107	356	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	107	356	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	10.7	35.6	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	356	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	10.7	35.6	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	107	356	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	107	356	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	107	356	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	142	356	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	107	356	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	107	356	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	107	356	ug/kg	0.0331	1					
Acenaphthene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Acenaphthylene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Acetophenone	U	ND	107	356	ug/kg	0.0331	1					
Anthracene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Atrazine	U	ND	142	356	ug/kg	0.0331	1					
Benzaldehyde	U	ND	107	356	ug/kg	0.0331	1					
Benzo(a)anthracene	J	17.1	10.7	35.6	ug/kg	0.0331	1					
Benzo(a)pyrene	J	15.7	10.7	35.6	ug/kg	0.0331	1					
Benzo(b)fluoranthene	J	34.2	10.7	35.6	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	15.3	10.7	35.6	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Carbazole	U	ND	10.7	35.6	ug/kg	0.0331	1					
Chrysene	J	16.4	10.7	35.6	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Dibenzofuran	U	ND	107	356	ug/kg	0.0331	1					
Diethylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0 Project: RVDE00226C
Sample ID: 767718002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Diphenylamine	U	ND	107	356	ug/kg	0.0331	1					
Fluoranthene	J	19.6	10.7	35.6	ug/kg	0.0331	1					
Fluorene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Hexachlorobenzene	U	ND	107	356	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	107	356	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	107	356	ug/kg	0.0331	1					
Hexachloroethane	U	ND	107	356	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	16.7	10.7	35.6	ug/kg	0.0331	1					
Isophorone	U	ND	107	356	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	107	356	ug/kg	0.0331	1					
Naphthalene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Nitrobenzene	U	ND	107	356	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	107	356	ug/kg	0.0331	1					
Phenanthrene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Phenol	U	ND	107	356	ug/kg	0.0331	1					
Pyrene	J	20.6	10.7	35.6	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
m,p-Cresols	U	ND	107	356	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	107	356	ug/kg	0.0331	1					
o-Cresol	U	ND	107	356	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	117	356	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	107	356	ug/kg	0.0331	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1016	U	ND	23.8	71.5	ug/kg	0.0332	20	JXM	03/13/26	1601	2960517	5
Aroclor-1221	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1232	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1242	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1248	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1254	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1260	J	39.6	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1262	U	ND	23.8	71.5	ug/kg	0.0332	20					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0 Project: RVDE00226C
Sample ID: 767718002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1268	U	ND	23.8	71.5	ug/kg	0.0332	20					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.357	1.43	ug/kg	0.166	1	YS1	03/13/26	1132	2960428	6
4,4'-DDE	U	ND	0.357	1.43	ug/kg	0.166	1					
Aldrin	U	ND	0.178	0.714	ug/kg	0.166	1					
Dieldrin	U	ND	0.357	1.43	ug/kg	0.166	1					
Endosulfan I	U	ND	0.178	0.714	ug/kg	0.166	1					
Endosulfan II	U	ND	0.357	1.43	ug/kg	0.166	1					
Endosulfan sulfate	U	ND	0.357	1.43	ug/kg	0.166	1					
Endrin	U	ND	0.357	1.43	ug/kg	0.166	1					
Endrin aldehyde	U	ND	0.357	1.43	ug/kg	0.166	1					
Endrin ketone	U	ND	0.357	1.43	ug/kg	0.166	1					
Heptachlor	U	ND	0.178	0.714	ug/kg	0.166	1					
Heptachlor epoxide	U	ND	0.178	0.714	ug/kg	0.166	1					
Methoxychlor	U	ND	1.78	7.14	ug/kg	0.166	1					
Toxaphene	U	ND	5.94	17.8	ug/kg	0.166	1					
alpha-BHC	U	ND	0.178	0.714	ug/kg	0.166	1					
beta-BHC	U	ND	0.178	0.714	ug/kg	0.166	1					
cis-Chlordane	U	ND	0.178	0.714	ug/kg	0.166	1					
delta-BHC	U	ND	0.178	0.714	ug/kg	0.166	1					
gamma-BHC (Lindane)	U	ND	0.178	0.714	ug/kg	0.166	1					
trans-Chlordane	U	ND	0.178	0.714	ug/kg	0.166	1					
4,4'-DDT	J	0.697	0.357	1.43	ug/kg	0.166	1	YS1	03/13/26	1132	2960428	7
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.137	0.343	mg/kg	31.9	1	BR2	03/25/26	1242	2962940	8

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410
SW846 9010C Distillation	SW846 9010C Prep	GP1	03/19/26	1201	2960701

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0 Project: RVDE00226C
Sample ID: 767718002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
SW846 3541		Prep Method 3541 8081B Prep Soil		JG3	03/13/26		0540	2960427			
SW846 3541		Prep Method 3541 PCB Prep Soil		DC2	03/13/26		0759	2960515			

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 3541/8082A	
6	SW846 3541/8081B	
7	SW846 3541/8081B	
8	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1180 ug/kg	1780	66	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1240 ug/kg	1780	70	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1440 ug/kg	1780	81	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2820 ug/kg	3560	79	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2530 ug/kg	3560	71	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2600 ug/kg	3560	73	(19%-94%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.19 ug/kg	7.15	59	(31%-138%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.97 ug/kg	7.15	56	(24%-118%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	28.5 ug/kg	35.7	80	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	30.2 ug/kg	35.7	85	(26%-130%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0-DP
Sample ID: 767718003
Matrix: Soil
Collect Date: 10-MAR-26 11:32
Receive Date: 11-MAR-26
Collector: Client
Moisture: 7.78%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	88.8	266	ug/kg	49.0	1	CH9	03/19/26	1538	2960702	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	8.30	7.31	21.8	ug/kg	101	1	PB1	03/13/26	0741	2960527	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8320000	6780	19900	ug/kg	91.9	1	HS2	03/17/26	1705	2959953	3
Antimony	J	721	329	1990	ug/kg	91.9	1					
Arsenic	J	992	498	2990	ug/kg	91.9	1					
Barium		19900	99.7	498	ug/kg	91.9	1					
Beryllium	J	170	99.7	498	ug/kg	91.9	1					
Cadmium	U	ND	99.7	498	ug/kg	91.9	1					
Calcium		341000	7970	24900	ug/kg	91.9	1					
Chromium		6160	149	997	ug/kg	91.9	1					
Cobalt		1950	149	498	ug/kg	91.9	1					
Copper	J	919	299	1990	ug/kg	91.9	1					
Iron		4770000	7970	24900	ug/kg	91.9	1					
Lead		2960	329	1990	ug/kg	91.9	1					
Magnesium		356000	8470	29900	ug/kg	91.9	1					
Manganese		12100	199	997	ug/kg	91.9	1					
Nickel		1980	149	498	ug/kg	91.9	1					
Selenium	J	1820	498	2990	ug/kg	91.9	1					
Silver	U	ND	99.7	498	ug/kg	91.9	1					
Sodium		25000	6980	24900	ug/kg	91.9	1					
Thallium	U	ND	498	1990	ug/kg	91.9	1					
Vanadium		7650	99.7	498	ug/kg	91.9	1					
Zinc		6580	399	1990	ug/kg	91.9	1					
Potassium		165000	6380	24900	ug/kg	91.9	1	HS2	03/25/26	1538	2959953	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	360	ug/kg	0.0332	1	BM1	03/13/26	1905	2960411	5
1,2,4,5-Tetrachlorobenzene	U	ND	108	360	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	108	360	ug/kg	0.0332	1					

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0-DP
Sample ID: 767718003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	108	719	ug/kg	0.0332	1					
2,4-Dinitrotoluene	U	ND	108	360	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	108	360	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	10.8	36.0	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	360	ug/kg	0.0332	1					
2-Methylnaphthalene	J	11.1	10.8	36.0	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	108	360	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	108	360	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	108	360	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	144	360	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	108	360	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	108	360	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	108	360	ug/kg	0.0332	1					
Acenaphthene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Acenaphthylene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Acetophenone	U	ND	108	360	ug/kg	0.0332	1					
Anthracene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Atrazine	U	ND	144	360	ug/kg	0.0332	1					
Benzaldehyde	U	ND	108	360	ug/kg	0.0332	1					
Benzo(a)anthracene	J	11.9	10.8	36.0	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Benzo(b)fluoranthene	J	22.7	10.8	36.0	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Carbazole	U	ND	10.8	36.0	ug/kg	0.0332	1					
Chrysene	J	15.8	10.8	36.0	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dibenzofuran	U	ND	108	360	ug/kg	0.0332	1					
Diethylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0-DP
Sample ID: 767718003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Diphenylamine	U	ND	108	360	ug/kg	0.0332	1					
Fluoranthene	J	14.0	10.8	36.0	ug/kg	0.0332	1					
Fluorene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Hexachlorobenzene	U	ND	108	360	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	108	360	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	108	360	ug/kg	0.0332	1					
Hexachloroethane	U	ND	108	360	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	10.8	10.8	36.0	ug/kg	0.0332	1					
Isophorone	U	ND	108	360	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	108	360	ug/kg	0.0332	1					
Naphthalene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Nitrobenzene	U	ND	108	360	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	108	360	ug/kg	0.0332	1					
Phenanthrene	J	12.2	10.8	36.0	ug/kg	0.0332	1					
Phenol	U	ND	108	360	ug/kg	0.0332	1					
Pyrene	J	15.1	10.8	36.0	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	J	11.1	10.8	36.0	ug/kg	0.0332	1					
m,p-Cresols	U	ND	108	360	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	108	360	ug/kg	0.0332	1					
o-Cresol	U	ND	108	360	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	119	360	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	108	360	ug/kg	0.0332	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1016	U	ND	1.20	3.60	ug/kg	0.0332	1	JXM	03/13/26	1920	2960517	6
Aroclor-1221	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1232	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1242	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1248	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1254	J	2.35	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1260		4.43	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1262	U	ND	1.20	3.60	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0-DP
Sample ID: 767718003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1268	U	ND	1.20	3.60	ug/kg	0.0332	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	1.78	7.14	ug/kg	0.165	5	YS1	03/13/26	1239	2960428	7
4,4'-DDE	U	ND	1.78	7.14	ug/kg	0.165	5					
4,4'-DDT	U	ND	1.78	7.14	ug/kg	0.165	5					
Aldrin	U	ND	0.892	3.57	ug/kg	0.165	5					
Dieldrin	U	ND	1.78	7.14	ug/kg	0.165	5					
Endosulfan I	U	ND	0.892	3.57	ug/kg	0.165	5					
Endosulfan II	U	ND	1.78	7.14	ug/kg	0.165	5					
Endosulfan sulfate	U	ND	1.78	7.14	ug/kg	0.165	5					
Endrin	U	ND	1.78	7.14	ug/kg	0.165	5					
Endrin aldehyde	U	ND	1.78	7.14	ug/kg	0.165	5					
Endrin ketone	U	ND	1.78	7.14	ug/kg	0.165	5					
Heptachlor	U	ND	0.892	3.57	ug/kg	0.165	5					
Heptachlor epoxide	U	ND	0.892	3.57	ug/kg	0.165	5					
Methoxychlor	U	ND	8.92	35.7	ug/kg	0.165	5					
Toxaphene	U	ND	29.7	89.2	ug/kg	0.165	5					
alpha-BHC	U	ND	0.892	3.57	ug/kg	0.165	5					
beta-BHC	U	ND	0.892	3.57	ug/kg	0.165	5					
cis-Chlordane	U	ND	0.892	3.57	ug/kg	0.165	5					
delta-BHC	U	ND	0.892	3.57	ug/kg	0.165	5					
gamma-BHC (Lindane)	U	ND	0.892	3.57	ug/kg	0.165	5					
trans-Chlordane	U	ND	0.892	3.57	ug/kg	0.165	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.133	0.332	mg/kg	30.6	1	BR2	03/25/26	1242	2962940	9

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/13/26	0759	2960515
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3541	Prep Method 3541 8081B Prep Soil	JG3	03/13/26	0540	2960427

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-1.0-DP
Sample ID: 767718003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
SW846 3541		Prep Method 3541 8270E BNA for Soil		JG3	03/13/26		0600	2960410				
SW846 9010C Distillation		SW846 9010C Prep		GP1	03/19/26		1201	2960701				

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 3541/8082A	
7	SW846 3541/8081B	
8	SW846 3541/8081B	
9	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1800	64	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1210 ug/kg	1800	67	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1440 ug/kg	1800	80	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2800 ug/kg	3600	78	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2470 ug/kg	3600	69	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2560 ug/kg	3600	71	(19%-94%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.99 ug/kg	7.21	69	(31%-138%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.38 ug/kg	7.21	47	(24%-118%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	31.1 ug/kg	35.7	87	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	32.3 ug/kg	35.7	91	(26%-130%)

Notes:

Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-04-1.0-DP	Project:	RVDE00226C
Sample ID:	767718003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:
DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01
Sample ID: 767718004
Matrix: Soil
Collect Date: 10-MAR-26 12:45
Receive Date: 11-MAR-26
Collector: Client
Moisture: 54.7%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		134	15.6	46.7	ug/kg	106	1	PB1	03/13/26	0743	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		9980000	14600	42800	ug/kg	96.9	1	HS2	03/17/26	1707	2959953	2
Beryllium	J	688	214	1070	ug/kg	96.9	1					
Calcium		4610000	17100	53500	ug/kg	96.9	1					
Sodium		68300	15000	53500	ug/kg	96.9	1					
Antimony	J	5920	3530	21400	ug/kg	96.9	5	HS2	03/20/26	1059	2959953	3
Arsenic		70000	5350	32100	ug/kg	96.9	5					
Barium		103000	1070	5350	ug/kg	96.9	5					
Cadmium	J	3440	1070	5350	ug/kg	96.9	5					
Chromium		404000	1610	10700	ug/kg	96.9	5					
Cobalt		19000	1610	5350	ug/kg	96.9	5					
Copper		1100000	3210	21400	ug/kg	96.9	5					
Iron		177000000	85600	268000	ug/kg	96.9	5					
Lead		130000	3530	21400	ug/kg	96.9	5					
Magnesium		5100000	91000	321000	ug/kg	96.9	5					
Manganese		2340000	2140	10700	ug/kg	96.9	5					
Nickel		95500	1610	5350	ug/kg	96.9	5					
Potassium		389000	68500	268000	ug/kg	96.9	5					
Selenium	J	15300	5350	32100	ug/kg	96.9	5					
Silver	U	ND	1070	5350	ug/kg	96.9	5					
Thallium	U	ND	5350	21400	ug/kg	96.9	5					
Vanadium		69200	1070	5350	ug/kg	96.9	5					
Zinc		6990000	4280	21400	ug/kg	96.9	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	1080	3600	ug/kg	0.0326	5	BM1	03/13/26	1928	2960411	4
1,2,4,5-Tetrachlorobenzene	U	ND	1080	3600	ug/kg	0.0326	5					
2,3,4,6-Tetrachlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4,5-Trichlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4,6-Trichlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4-Dichlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4-Dimethylphenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4-Dinitrophenol	U	ND	1080	7210	ug/kg	0.0326	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01 Project: RVDE00226C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	1080	3600	ug/kg	0.0326	5					
2,6-Dinitrotoluene	U	ND	1080	3600	ug/kg	0.0326	5					
2-Chloronaphthalene	U	ND	108	360	ug/kg	0.0326	5					
2-Chlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2-Methyl-4,6-dinitrophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2-Methylnaphthalene	U	ND	108	360	ug/kg	0.0326	5					
2-Nitrophenol	U	ND	1080	3600	ug/kg	0.0326	5					
3,3'-Dichlorobenzidine	U	ND	1080	3600	ug/kg	0.0326	5					
4-Bromophenylphenylether	U	ND	1080	3600	ug/kg	0.0326	5					
4-Chloro-3-methylphenol	U	ND	1440	3600	ug/kg	0.0326	5					
4-Chloroaniline	U	ND	1080	3600	ug/kg	0.0326	5					
4-Chlorophenylphenylether	U	ND	1080	3600	ug/kg	0.0326	5					
4-Nitrophenol	U	ND	1080	3600	ug/kg	0.0326	5					
Acenaphthene	U	ND	108	360	ug/kg	0.0326	5					
Acenaphthylene	U	ND	108	360	ug/kg	0.0326	5					
Acetophenone	U	ND	1080	3600	ug/kg	0.0326	5					
Anthracene	U	ND	108	360	ug/kg	0.0326	5					
Atrazine	U	ND	1440	3600	ug/kg	0.0326	5					
Benzaldehyde	U	ND	1080	3600	ug/kg	0.0326	5					
Benzo(a)anthracene		364	108	360	ug/kg	0.0326	5					
Benzo(a)pyrene	J	324	108	360	ug/kg	0.0326	5					
Benzo(b)fluoranthene		663	108	360	ug/kg	0.0326	5					
Benzo(ghi)perylene	J	267	108	360	ug/kg	0.0326	5					
Benzo(k)fluoranthene	J	209	108	360	ug/kg	0.0326	5					
Butylbenzylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Carbazole	U	ND	108	360	ug/kg	0.0326	5					
Chrysene		425	108	360	ug/kg	0.0326	5					
Di-n-butylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Di-n-octylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Dibenzo(a,h)anthracene	U	ND	108	360	ug/kg	0.0326	5					
Dibenzofuran	U	ND	1080	3600	ug/kg	0.0326	5					
Diethylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Dimethylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Diphenylamine	U	ND	1080	3600	ug/kg	0.0326	5					
Fluoranthene		836	108	360	ug/kg	0.0326	5					
Fluorene	U	ND	108	360	ug/kg	0.0326	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01 Project: RVDE00226C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	1080	3600	ug/kg	0.0326	5					
Hexachlorobutadiene	U	ND	1080	3600	ug/kg	0.0326	5					
Hexachlorocyclopentadiene	U	ND	1080	3600	ug/kg	0.0326	5					
Hexachloroethane	U	ND	1080	3600	ug/kg	0.0326	5					
Indeno(1,2,3-cd)pyrene	J	317	108	360	ug/kg	0.0326	5					
Isophorone	U	ND	1080	3600	ug/kg	0.0326	5					
N-Nitrosodipropylamine	U	ND	1080	3600	ug/kg	0.0326	5					
Naphthalene	U	ND	108	360	ug/kg	0.0326	5					
Nitrobenzene	U	ND	1080	3600	ug/kg	0.0326	5					
Pentachlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
Phenanthrene		440	108	360	ug/kg	0.0326	5					
Phenol	U	ND	1080	3600	ug/kg	0.0326	5					
Pyrene		645	108	360	ug/kg	0.0326	5					
bis(2-Chloro-1-methylethyl)ether	U	ND	1080	3600	ug/kg	0.0326	5					
bis(2-Chloroethoxy)methane	U	ND	1080	3600	ug/kg	0.0326	5					
bis(2-Chloroethyl) ether	U	ND	1080	3600	ug/kg	0.0326	5					
bis(2-Ethylhexyl)phthalate		454	108	360	ug/kg	0.0326	5					
m,p-Cresols	U	ND	1080	3600	ug/kg	0.0326	5					
m-Nitroaniline	U	ND	1080	3600	ug/kg	0.0326	5					
o-Cresol	U	ND	1080	3600	ug/kg	0.0326	5					
o-Nitroaniline	U	ND	1190	3600	ug/kg	0.0326	5					
p-Nitroaniline	U	ND	1080	3600	ug/kg	0.0326	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	1.27	3.16	mg/kg	28.6	5	BR2	03/25/26	1242	2962940	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1	JEB	03/24/26	0718	2965810	6
1,1,2,2-Tetrachloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,1,2-Trichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,1-Dichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,1-Dichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2,3-Trichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2,4-Trichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2-Dibromo-3-chloropropane	U	ND	1.21	2.42	ug/kg	1.09	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01 Project: RVDE00226C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2-Dichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2-Dichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2-Dichloropropane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,3-Dichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,4-Dichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,4-Dioxane	U	ND	40.3	121	ug/kg	1.09	1					
2-Butanone	U	ND	4.03	12.1	ug/kg	1.09	1					
2-Hexanone	U	ND	4.03	12.1	ug/kg	1.09	1					
4-Methyl-2-pentanone	U	ND	4.03	12.1	ug/kg	1.09	1					
Acetone	J	12.0	4.03	12.1	ug/kg	1.09	1					
Benzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromochloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromodichloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromoform	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromomethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Carbon disulfide	U	ND	4.03	12.1	ug/kg	1.09	1					
Carbon tetrachloride	U	ND	0.805	2.42	ug/kg	1.09	1					
Chlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Chloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Chloroform	U	ND	0.805	2.42	ug/kg	1.09	1					
Chloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Cyclohexane	J	1.33	0.805	2.42	ug/kg	1.09	1					
Dibromochloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Dichlorodifluoromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Ethylbenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Isopropylbenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Methyl acetate	U	ND	4.03	12.1	ug/kg	1.09	1					
Methylcyclohexane	U	ND	0.805	2.42	ug/kg	1.09	1					
Methylene chloride	U	ND	4.03	12.1	ug/kg	1.09	1					
Styrene	U	ND	0.805	2.42	ug/kg	1.09	1					
Tetrachloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
Toluene	U	ND	0.805	2.42	ug/kg	1.09	1					
Trichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
Trichlorofluoromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Trichlorotrifluoroethane	U	ND	4.03	12.1	ug/kg	1.09	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01 Project: RVDE00226C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.805	2.42	ug/kg	1.09	1					
cis-1,2-Dichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
cis-1,3-Dichloropropylene	U	ND	0.805	2.42	ug/kg	1.09	1					
m,p-Xylenes	U	ND	1.61	4.83	ug/kg	1.09	1					
o-Xylene	U	ND	0.805	2.42	ug/kg	1.09	1					
tert-Butyl methyl ether	U	ND	0.805	2.42	ug/kg	1.09	1					
trans-1,2-Dichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
trans-1,3-Dichloropropylene	U	ND	0.805	2.42	ug/kg	1.09	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 5035	5035 Prep	JEB	03/10/26	1245	2965809

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	2110 ug/kg	3600	59	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	2110 ug/kg	3600	59	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	2530 ug/kg	3600	70	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	4760 ug/kg	7210	66	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	4230 ug/kg	7210	59	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	4400 ug/kg	7210	61	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	115 ug/kg	50.0	95	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	104 ug/kg	50.0	86	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-01	Project:	RVDE00226C
Sample ID:	767718004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		120	ug/kg	50.0		99		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Matrix: Soil
Collect Date: 10-MAR-26 12:47
Receive Date: 11-MAR-26
Collector: Client
Moisture: 61%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		125	17.9	53.4	ug/kg	104	1	PB1	03/13/26	0748	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8780000	17000	50000	ug/kg	97.5	1	HS2	03/17/26	1709	2959953	2
Beryllium	J	643	250	1250	ug/kg	97.5	1					
Calcium		6540000	20000	62500	ug/kg	97.5	1					
Sodium		102000	17500	62500	ug/kg	97.5	1					
Antimony	J	14200	4120	25000	ug/kg	97.5	5	HS2	03/20/26	1102	2959953	3
Barium		113000	1250	6250	ug/kg	97.5	5					
Cadmium	J	4590	1250	6250	ug/kg	97.5	5					
Chromium		272000	1870	12500	ug/kg	97.5	5					
Cobalt		14900	1870	6250	ug/kg	97.5	5					
Copper		661000	3750	25000	ug/kg	97.5	5					
Iron		138000000	99900	312000	ug/kg	97.5	5					
Lead		170000	4120	25000	ug/kg	97.5	5					
Magnesium		6930000	106000	375000	ug/kg	97.5	5					
Manganese		2120000	2500	12500	ug/kg	97.5	5					
Nickel		91100	1870	6250	ug/kg	97.5	5					
Potassium		632000	79900	312000	ug/kg	97.5	5					
Selenium	J	15100	6250	37500	ug/kg	97.5	5					
Silver	U	ND	1250	6250	ug/kg	97.5	5					
Thallium	U	ND	6250	25000	ug/kg	97.5	5					
Vanadium		58000	1250	6250	ug/kg	97.5	5					
Zinc		7140000	5000	25000	ug/kg	97.5	5					
Arsenic		51200	6250	37500	ug/kg	97.5	5	HS2	03/24/26	1340	2959953	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	1280	4250	ug/kg	0.0332	5	BM1	03/13/26	1951	2960411	5
1,2,4,5-Tetrachlorobenzene	U	ND	1280	4250	ug/kg	0.0332	5					
2,3,4,6-Tetrachlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4,5-Trichlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4,6-Trichlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4-Dichlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4-Dimethylphenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4-Dinitrophenol	U	ND	1280	8510	ug/kg	0.0332	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	1280	4250	ug/kg	0.0332	5					
2,6-Dinitrotoluene	U	ND	1280	4250	ug/kg	0.0332	5					
2-Chloronaphthalene	U	ND	128	425	ug/kg	0.0332	5					
2-Chlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2-Methyl-4,6-dinitrophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2-Methylnaphthalene	U	ND	128	425	ug/kg	0.0332	5					
2-Nitrophenol	U	ND	1280	4250	ug/kg	0.0332	5					
3,3'-Dichlorobenzidine	U	ND	1280	4250	ug/kg	0.0332	5					
4-Bromophenylphenylether	U	ND	1280	4250	ug/kg	0.0332	5					
4-Chloro-3-methylphenol	U	ND	1700	4250	ug/kg	0.0332	5					
4-Chloroaniline	U	ND	1280	4250	ug/kg	0.0332	5					
4-Chlorophenylphenylether	U	ND	1280	4250	ug/kg	0.0332	5					
4-Nitrophenol	U	ND	1280	4250	ug/kg	0.0332	5					
Acenaphthene	U	ND	128	425	ug/kg	0.0332	5					
Acenaphthylene	U	ND	128	425	ug/kg	0.0332	5					
Acetophenone	U	ND	1280	4250	ug/kg	0.0332	5					
Anthracene	U	ND	128	425	ug/kg	0.0332	5					
Atrazine	U	ND	1700	4250	ug/kg	0.0332	5					
Benzaldehyde	U	ND	1280	4250	ug/kg	0.0332	5					
Benzo(a)anthracene	J	268	128	425	ug/kg	0.0332	5					
Benzo(a)pyrene	J	200	128	425	ug/kg	0.0332	5					
Benzo(b)fluoranthene	J	383	128	425	ug/kg	0.0332	5					
Benzo(ghi)perylene	J	170	128	425	ug/kg	0.0332	5					
Benzo(k)fluoranthene	J	132	128	425	ug/kg	0.0332	5					
Butylbenzylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Carbazole	U	ND	128	425	ug/kg	0.0332	5					
Chrysene	J	268	128	425	ug/kg	0.0332	5					
Di-n-butylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Di-n-octylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Dibenzo(a,h)anthracene	U	ND	128	425	ug/kg	0.0332	5					
Dibenzofuran	U	ND	1280	4250	ug/kg	0.0332	5					
Diethylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Dimethylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Diphenylamine	U	ND	1280	4250	ug/kg	0.0332	5					
Fluoranthene		536	128	425	ug/kg	0.0332	5					
Fluorene	U	ND	128	425	ug/kg	0.0332	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	1280	4250	ug/kg	0.0332	5					
Hexachlorobutadiene	U	ND	1280	4250	ug/kg	0.0332	5					
Hexachlorocyclopentadiene	U	ND	1280	4250	ug/kg	0.0332	5					
Hexachloroethane	U	ND	1280	4250	ug/kg	0.0332	5					
Indeno(1,2,3-cd)pyrene	J	183	128	425	ug/kg	0.0332	5					
Isophorone	U	ND	1280	4250	ug/kg	0.0332	5					
N-Nitrosodipropylamine	U	ND	1280	4250	ug/kg	0.0332	5					
Naphthalene	U	ND	128	425	ug/kg	0.0332	5					
Nitrobenzene	U	ND	1280	4250	ug/kg	0.0332	5					
Pentachlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
Phenanthrene	J	340	128	425	ug/kg	0.0332	5					
Phenol	U	ND	1280	4250	ug/kg	0.0332	5					
Pyrene	J	404	128	425	ug/kg	0.0332	5					
bis(2-Chloro-1-methylethyl)ether	U	ND	1280	4250	ug/kg	0.0332	5					
bis(2-Chloroethoxy)methane	U	ND	1280	4250	ug/kg	0.0332	5					
bis(2-Chloroethyl) ether	U	ND	1280	4250	ug/kg	0.0332	5					
bis(2-Ethylhexyl)phthalate	J	332	128	425	ug/kg	0.0332	5					
m,p-Cresols	U	ND	1280	4250	ug/kg	0.0332	5					
m-Nitroaniline	U	ND	1280	4250	ug/kg	0.0332	5					
o-Cresol	U	ND	1280	4250	ug/kg	0.0332	5					
o-Nitroaniline	U	ND	1400	4250	ug/kg	0.0332	5					
p-Nitroaniline	U	ND	1280	4250	ug/kg	0.0332	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	1.47	1.20	2.99	mg/kg	23.3	5	BR2	03/25/26	1242	2962940	6
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1	JEB	03/23/26	1756	2965810	7
1,1,2,2-Tetrachloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,1,2-Trichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,1-Dichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,1-Dichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2,3-Trichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2,4-Trichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2-Dibromo-3-chloropropane	U	ND	1.20	2.40	ug/kg	0.938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2-Dichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2-Dichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2-Dichloropropane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,3-Dichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,4-Dichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,4-Dioxane	U	ND	40.1	120	ug/kg	0.938	1					
2-Butanone	U	ND	4.01	12.0	ug/kg	0.938	1					
2-Hexanone	U	ND	4.01	12.0	ug/kg	0.938	1					
4-Methyl-2-pentanone	U	ND	4.01	12.0	ug/kg	0.938	1					
Acetone		27.7	4.01	12.0	ug/kg	0.938	1					
Benzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromochloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromodichloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromoform	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromomethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Carbon disulfide	U	ND	4.01	12.0	ug/kg	0.938	1					
Carbon tetrachloride	U	ND	0.801	2.40	ug/kg	0.938	1					
Chlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Chloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Chloroform	U	ND	0.801	2.40	ug/kg	0.938	1					
Chloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Cyclohexane	U	ND	0.801	2.40	ug/kg	0.938	1					
Dibromochloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Dichlorodifluoromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Ethylbenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Isopropylbenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Methyl acetate	U	ND	4.01	12.0	ug/kg	0.938	1					
Methylcyclohexane	U	ND	0.801	2.40	ug/kg	0.938	1					
Methylene chloride	U	ND	4.01	12.0	ug/kg	0.938	1					
Styrene	U	ND	0.801	2.40	ug/kg	0.938	1					
Tetrachloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
Toluene	U	ND	0.801	2.40	ug/kg	0.938	1					
Trichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
Trichlorofluoromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Trichlorotrifluoroethane	U	ND	4.01	12.0	ug/kg	0.938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-01-DP	Project:	RVDE00226C
Sample ID:	767718005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Volatile Organics											
SW846 8260 TCL Volatiles "Dry Weight Corrected"											
Vinyl chloride	U	ND	0.801	2.40	ug/kg	0.938	1				
cis-1,2-Dichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1				
cis-1,3-Dichloropropylene	U	ND	0.801	2.40	ug/kg	0.938	1				
m,p-Xylenes	U	ND	1.60	4.81	ug/kg	0.938	1				
o-Xylene	U	ND	0.801	2.40	ug/kg	0.938	1				
tert-Butyl methyl ether	U	ND	0.801	2.40	ug/kg	0.938	1				
trans-1,2-Dichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1				
trans-1,3-Dichloropropylene	U	ND	0.801	2.40	ug/kg	0.938	1				

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 5035	5035 Prep	JEB	03/10/26	1247	2965809

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1240 ug/kg	4250	29	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1330 ug/kg	4250	31	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1540 ug/kg	4250	36	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2880 ug/kg	8510	34	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2500 ug/kg	8510	29	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2640 ug/kg	8510	31	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	110 ug/kg	50.0	92	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-01-DP	Project:	RVDE00226C
Sample ID:	767718005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
1,2-Dichloroethane-d4		104			ug/kg		50.0		86	(75%-131%)	SW846 8260 TCL Volatiles "Dry Weight Corrected"
Toluene-d8		120			ug/kg		50.0		100	(79%-122%)	SW846 8260 TCL Volatiles "Dry Weight Corrected"

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-3.0
Sample ID: 767718006
Matrix: Soil
Collect Date: 10-MAR-26 14:30
Receive Date: 11-MAR-26
Collector: Client
Moisture: 8.78%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	84.8	254	ug/kg	46.3	1	CH9	03/19/26	1539	2960702	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		24.8	8.31	24.8	ug/kg	113	1	PB1	03/13/26	0749	2960527	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2310000	7150	21000	ug/kg	96.0	1	HS2	03/17/26	1712	2959953	3
Antimony	J	1290	347	2100	ug/kg	96.0	1					
Arsenic		3570	526	3160	ug/kg	96.0	1					
Barium		19400	105	526	ug/kg	96.0	1					
Beryllium	U	ND	105	526	ug/kg	96.0	1					
Cadmium	U	ND	105	526	ug/kg	96.0	1					
Calcium		2490000	8420	26300	ug/kg	96.0	1					
Chromium		4050	158	1050	ug/kg	96.0	1					
Cobalt	J	402	158	526	ug/kg	96.0	1					
Copper		4170	316	2100	ug/kg	96.0	1					
Iron		4450000	8420	26300	ug/kg	96.0	1					
Lead		17400	347	2100	ug/kg	96.0	1					
Magnesium		200000	8940	31600	ug/kg	96.0	1					
Manganese		61200	210	1050	ug/kg	96.0	1					
Nickel		930	158	526	ug/kg	96.0	1					
Selenium	J	2850	526	3160	ug/kg	96.0	1					
Silver	U	ND	105	526	ug/kg	96.0	1					
Sodium	J	19800	7360	26300	ug/kg	96.0	1					
Thallium	U	ND	526	2100	ug/kg	96.0	1					
Vanadium		6650	105	526	ug/kg	96.0	1					
Zinc		11100	421	2100	ug/kg	96.0	1					
Potassium		84000	6730	26300	ug/kg	96.0	1	HS2	03/25/26	1541	2959953	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	109	362	ug/kg	0.0330	1	BM1	03/13/26	2014	2960411	5
1,2,4,5-Tetrachlorobenzene	U	ND	109	362	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	109	362	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-3.0 Project: RVDE00226C
Sample ID: 767718006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	109	362	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	109	725	ug/kg	0.0330	1					
2,4-Dinitrotoluene	U	ND	109	362	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	109	362	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	10.9	36.2	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	109	362	ug/kg	0.0330	1					
2-Methylnaphthalene		153	10.9	36.2	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	109	362	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	109	362	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	109	362	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	145	362	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	109	362	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	109	362	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	109	362	ug/kg	0.0330	1					
Acenaphthene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Acenaphthylene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Acetophenone	U	ND	109	362	ug/kg	0.0330	1					
Anthracene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Atrazine	U	ND	145	362	ug/kg	0.0330	1					
Benzaldehyde	U	ND	109	362	ug/kg	0.0330	1					
Benzo(a)anthracene	J	26.4	10.9	36.2	ug/kg	0.0330	1					
Benzo(a)pyrene	J	22.5	10.9	36.2	ug/kg	0.0330	1					
Benzo(b)fluoranthene	J	32.2	10.9	36.2	ug/kg	0.0330	1					
Benzo(ghi)perylene	J	21.0	10.9	36.2	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Carbazole	U	ND	10.9	36.2	ug/kg	0.0330	1					
Chrysene	J	29.0	10.9	36.2	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Dibenzofuran	U	ND	109	362	ug/kg	0.0330	1					
Diethylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-3.0 Project: RVDE00226C
Sample ID: 767718006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Diphenylamine	U	ND	109	362	ug/kg	0.0330	1					
Fluoranthene		38.8	10.9	36.2	ug/kg	0.0330	1					
Fluorene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Hexachlorobenzene	U	ND	109	362	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	109	362	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	109	362	ug/kg	0.0330	1					
Hexachloroethane	U	ND	109	362	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	J	18.8	10.9	36.2	ug/kg	0.0330	1					
Isophorone	U	ND	109	362	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	109	362	ug/kg	0.0330	1					
Naphthalene		98.2	10.9	36.2	ug/kg	0.0330	1					
Nitrobenzene	U	ND	109	362	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	109	362	ug/kg	0.0330	1					
Phenanthrene		65.6	10.9	36.2	ug/kg	0.0330	1					
Phenol	U	ND	109	362	ug/kg	0.0330	1					
Pyrene		37.3	10.9	36.2	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	109	362	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	109	362	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	109	362	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
m,p-Cresols	U	ND	109	362	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	109	362	ug/kg	0.0330	1					
o-Cresol	U	ND	109	362	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	120	362	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	109	362	ug/kg	0.0330	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1016	U	ND	1.21	3.64	ug/kg	0.0332	1	JXM	03/13/26	1936	2960517	6
Aroclor-1221	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1232	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1242	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1248	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1254	J	1.29	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1260	J	2.53	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1262	U	ND	1.21	3.64	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-3.0 Project: RVDE00226C
Sample ID: 767718006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1268	U	ND	1.21	3.64	ug/kg	0.0332	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	3.61	14.5	ug/kg	0.165	10	YS1	03/13/26	1302	2960428	7
4,4'-DDE	U	ND	3.61	14.5	ug/kg	0.165	10					
4,4'-DDT	U	ND	3.61	14.5	ug/kg	0.165	10					
Aldrin	U	ND	1.81	7.23	ug/kg	0.165	10					
Dieldrin	U	ND	3.61	14.5	ug/kg	0.165	10					
Endosulfan I	U	ND	1.81	7.23	ug/kg	0.165	10					
Endosulfan II	U	ND	3.61	14.5	ug/kg	0.165	10					
Endosulfan sulfate	U	ND	3.61	14.5	ug/kg	0.165	10					
Endrin	U	ND	3.61	14.5	ug/kg	0.165	10					
Endrin aldehyde	U	ND	3.61	14.5	ug/kg	0.165	10					
Endrin ketone	U	ND	3.61	14.5	ug/kg	0.165	10					
Heptachlor	U	ND	1.81	7.23	ug/kg	0.165	10					
Heptachlor epoxide	U	ND	1.81	7.23	ug/kg	0.165	10					
Methoxychlor	U	ND	18.1	72.3	ug/kg	0.165	10					
Toxaphene	U	ND	60.2	181	ug/kg	0.165	10					
alpha-BHC	U	ND	1.81	7.23	ug/kg	0.165	10					
beta-BHC	U	ND	1.81	7.23	ug/kg	0.165	10					
cis-Chlordane	U	ND	1.81	7.23	ug/kg	0.165	10					
delta-BHC	U	ND	1.81	7.23	ug/kg	0.165	10					
gamma-BHC (Lindane)	U	ND	1.81	7.23	ug/kg	0.165	10					
trans-Chlordane	U	ND	1.81	7.23	ug/kg	0.165	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.168	0.137	0.343	mg/kg	31.3	1	BR2	03/25/26	1242	2962940	9
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1	JEB	03/23/26	1821	2965810	10
1,1,2,2-Tetrachloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,1,2-Trichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,1-Dichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,1-Dichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-3.0 Project: RVDE00226C
Sample ID: 767718006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2,3-Trichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2,4-Trichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dibromo-3-chloropropane	U	ND	0.510	1.02	ug/kg	0.931	1					
1,2-Dibromoethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dichloropropane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,3-Dichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,4-Dichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,4-Dioxane	U	ND	17.0	51.0	ug/kg	0.931	1					
2-Butanone	J	3.90	1.70	5.10	ug/kg	0.931	1					
2-Hexanone	U	ND	1.70	5.10	ug/kg	0.931	1					
4-Methyl-2-pentanone	U	ND	1.70	5.10	ug/kg	0.931	1					
Acetone		26.6	1.70	5.10	ug/kg	0.931	1					
Benzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromochloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromodichloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromoform	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromomethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Carbon disulfide	U	ND	1.70	5.10	ug/kg	0.931	1					
Carbon tetrachloride	U	ND	0.340	1.02	ug/kg	0.931	1					
Chlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Chloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Chloroform	U	ND	0.340	1.02	ug/kg	0.931	1					
Chloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Cyclohexane	J	0.745	0.340	1.02	ug/kg	0.931	1					
Dibromochloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Dichlorodifluoromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Ethylbenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Isopropylbenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Methyl acetate	U	ND	1.70	5.10	ug/kg	0.931	1					
Methylcyclohexane		1.06	0.340	1.02	ug/kg	0.931	1					
Methylene chloride	U	ND	1.70	5.10	ug/kg	0.931	1					
Styrene	U	ND	0.340	1.02	ug/kg	0.931	1					
Tetrachloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1					
Toluene	U	ND	0.340	1.02	ug/kg	0.931	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-04-3.0 Project: RVDE00226C
Sample ID: 767718006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Trichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1					
Trichlorofluoromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Trichlorotrifluoroethane	U	ND	1.70	5.10	ug/kg	0.931	1					
Vinyl chloride	U	ND	0.340	1.02	ug/kg	0.931	1					
cis-1,2-Dichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1					
cis-1,3-Dichloropropylene	U	ND	0.340	1.02	ug/kg	0.931	1					
m,p-Xylenes	U	ND	0.681	2.04	ug/kg	0.931	1					
o-Xylene	U	ND	0.340	1.02	ug/kg	0.931	1					
tert-Butyl methyl ether	U	ND	0.340	1.02	ug/kg	0.931	1					
trans-1,2-Dichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1					
trans-1,3-Dichloropropylene	U	ND	0.340	1.02	ug/kg	0.931	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	JEB	03/10/26	1430	2965809
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 9010C Distillation	SW846 9010C Prep	GP1	03/19/26	1201	2960701
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/13/26	0759	2960515
SW846 3541	Prep Method 3541 8081B Prep Soil	JG3	03/13/26	0540	2960427
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00226C
Sample ID:	767718006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 3541/8082A	
7	SW846 3541/8081B	
8	SW846 3541/8081B	
9	SW846 7196A	
10	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	848 ug/kg	1810	47	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	931 ug/kg	1810	51	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1130 ug/kg	1810	62	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2220 ug/kg	3620	61	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1900 ug/kg	3620	53	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1870 ug/kg	3620	52	(19%-94%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	5.35 ug/kg	7.28	73	(31%-138%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.50 ug/kg	7.28	48	(24%-118%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	33.5 ug/kg	36.1	93	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	31.4 ug/kg	36.1	87	(26%-130%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.8 ug/kg	50.0	88	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	45.4 ug/kg	50.0	89	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight Corrected"	48.9 ug/kg	50.0	96	(79%-122%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00226C
Sample ID:	767718006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-34-1.0
Sample ID: 767718007
Matrix: Soil
Collect Date: 10-MAR-26 15:15
Receive Date: 11-MAR-26
Collector: Client
Moisture: 8.81%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		151	8.13	24.3	ug/kg	111	1	PB1	03/13/26	0751	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		12200000	6980	20500	ug/kg	93.6	1	HS2	03/17/26	1714	2959953	2
Beryllium		1360	103	513	ug/kg	93.6	1					
Sodium		445000	7190	25700	ug/kg	93.6	1					
Antimony	J	8110	1690	10300	ug/kg	93.6	5	HS2	03/20/26	1107	2959953	3
Barium		220000	513	2570	ug/kg	93.6	5					
Cadmium		4150	513	2570	ug/kg	93.6	5					
Calcium		117000000	41100	128000	ug/kg	93.6	5					
Chromium		961000	770	5130	ug/kg	93.6	5					
Cobalt		7860	770	2570	ug/kg	93.6	5					
Copper		195000	1540	10300	ug/kg	93.6	5					
Iron		208000000	41100	128000	ug/kg	93.6	5					
Lead		150000	1690	10300	ug/kg	93.6	5					
Magnesium		35300000	43600	154000	ug/kg	93.6	5					
Nickel		64400	770	2570	ug/kg	93.6	5					
Potassium		248000	32900	128000	ug/kg	93.6	5					
Selenium		29000	2570	15400	ug/kg	93.6	5					
Silver		4740	513	2570	ug/kg	93.6	5					
Thallium	U	ND	2570	10300	ug/kg	93.6	5					
Vanadium		627000	513	2570	ug/kg	93.6	5					
Zinc		2130000	2050	10300	ug/kg	93.6	5					
Arsenic		16100	2570	15400	ug/kg	93.6	5	HS2	03/24/26	1345	2959953	4
Manganese		17200000	10300	51300	ug/kg	93.6	50	HS2	03/20/26	1424	2959953	5
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	361	ug/kg	0.0329	1	BM1	03/13/26	2124	2960411	6
1,2,4,5-Tetrachlorobenzene	U	ND	108	361	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	108	722	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-34-1.0 Project: RVDE00226C
Sample ID: 767718007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	361	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	108	361	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.8	36.1	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	361	ug/kg	0.0329	1					
2-Methylnaphthalene		74.0	10.8	36.1	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	108	361	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	108	361	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	108	361	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	144	361	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	108	361	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	108	361	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	108	361	ug/kg	0.0329	1					
Acenaphthene	J	20.9	10.8	36.1	ug/kg	0.0329	1					
Acenaphthylene	J	13.4	10.8	36.1	ug/kg	0.0329	1					
Acetophenone	U	ND	108	361	ug/kg	0.0329	1					
Anthracene		48.7	10.8	36.1	ug/kg	0.0329	1					
Atrazine	U	ND	144	361	ug/kg	0.0329	1					
Benzaldehyde	U	ND	108	361	ug/kg	0.0329	1					
Benzo(a)anthracene		185	10.8	36.1	ug/kg	0.0329	1					
Benzo(a)pyrene		165	10.8	36.1	ug/kg	0.0329	1					
Benzo(b)fluoranthene		335	10.8	36.1	ug/kg	0.0329	1					
Benzo(ghi)perylene		150	10.8	36.1	ug/kg	0.0329	1					
Benzo(k)fluoranthene		106	10.8	36.1	ug/kg	0.0329	1					
Butylbenzylphthalate		36.1	10.8	36.1	ug/kg	0.0329	1					
Carbazole	J	17.0	10.8	36.1	ug/kg	0.0329	1					
Chrysene		273	10.8	36.1	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	J	35.4	10.8	36.1	ug/kg	0.0329	1					
Dibenzofuran	U	ND	108	361	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Diphenylamine	U	ND	108	361	ug/kg	0.0329	1					
Fluoranthene		375	10.8	36.1	ug/kg	0.0329	1					
Fluorene	J	14.4	10.8	36.1	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-34-1.0 Project: RVDE00226C
Sample ID: 767718007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	361	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	108	361	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	108	361	ug/kg	0.0329	1					
Hexachloroethane	U	ND	108	361	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene		158	10.8	36.1	ug/kg	0.0329	1					
Isophorone	U	ND	108	361	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	108	361	ug/kg	0.0329	1					
Naphthalene		48.0	10.8	36.1	ug/kg	0.0329	1					
Nitrobenzene	U	ND	108	361	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	108	361	ug/kg	0.0329	1					
Phenanthrene		242	10.8	36.1	ug/kg	0.0329	1					
Phenol	U	ND	108	361	ug/kg	0.0329	1					
Pyrene		302	10.8	36.1	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate		120	10.8	36.1	ug/kg	0.0329	1					
m,p-Cresols	U	ND	108	361	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	108	361	ug/kg	0.0329	1					
o-Cresol	U	ND	108	361	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	119	361	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	108	361	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.349	0.132	0.331	mg/kg	30.1	1	BR2	03/25/26	1242	2962940	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-34-1.0	Project:	RVDE00226C
Sample ID:	767718007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3050B/6010D	
6	SW846 3541/8270E	
7	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	987 ug/kg	1800	55	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1080 ug/kg	1800	60	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1200 ug/kg	1800	67	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2020 ug/kg	3610	56	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2100 ug/kg	3610	58	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2070 ug/kg	3610	57	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Flow Injection Analysis										
Batch 2960702										
QC1206405975 767779001 DUP										
Cyanide, Total	U	ND	U	ND	ug/kg	N/A			CH9	03/19/26 15:41
QC1206405974 LCS										
Cyanide, Total	109000			101000	ug/kg		93.1	(50%-157%)		03/19/26 15:52
QC1206405973 MB										
Cyanide, Total			U	ND	ug/kg					03/19/26 15:35
QC1206405976 767779001 MS										
Cyanide, Total	4740 U	ND		4020	ug/kg		84.8	(46%-125%)		03/19/26 15:42
Metals Analysis-ICP										
Batch 2959953										
QC1206404418 LCS										
Aluminum	445000			445000	ug/kg		100	(80%-120%)	HS2	03/17/26 16:44
Antimony	44500			43200	ug/kg		97	(80%-120%)		
Arsenic	44500			44100	ug/kg		99.2	(80%-120%)		
Barium	44500			43700	ug/kg		98.2	(80%-120%)		
Beryllium	44500			44500	ug/kg		100	(80%-120%)		
Cadmium	44500			43300	ug/kg		97.4	(80%-120%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Calcium	445000			430000	ug/kg		96.7	(80%-120%)	HS2	03/17/26 16:44
Chromium	44500			44500	ug/kg		99.9	(80%-120%)		
Cobalt	44500			43700	ug/kg		98.2	(80%-120%)		
Copper	44500			43800	ug/kg		98.4	(80%-120%)		
Iron	445000			436000	ug/kg		98	(80%-120%)		
Lead	44500			43700	ug/kg		98.2	(80%-120%)		
Magnesium	445000			436000	ug/kg		97.9	(80%-120%)		
Manganese	44500			43800	ug/kg		98.4	(80%-120%)		
Nickel	44500			44100	ug/kg		99.1	(80%-120%)		
Potassium	445000			473000	ug/kg		106	(80%-120%)		
Selenium	44500			44200	ug/kg		99.4	(80%-120%)		
Silver	8900			8810	ug/kg		99.1	(80%-120%)		
Sodium	445000			474000	ug/kg		106	(80%-120%)		
Thallium	44500			45400	ug/kg		102	(80%-120%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Vanadium	44500			43100	ug/kg		97	(80%-120%)	HS2	03/17/26 16:44
Zinc	44500			43400	ug/kg		97.6	(80%-120%)		
QC1206404417 MB										
Aluminum			U	ND	ug/kg					03/17/26 16:41
Antimony			J	411	ug/kg					
Arsenic			J	620	ug/kg					
Barium			U	ND	ug/kg					
Beryllium			U	ND	ug/kg					
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Magnesium			U	ND	ug/kg				HS2	03/17/26 16:41
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			J	1190	ug/kg					
Silver			U	ND	ug/kg					
Sodium			J	7590	ug/kg					
Thallium			U	ND	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			U	ND	ug/kg					
QC1206404419 767718002 MS										
Aluminum	529000	3720000		7470000	ug/kg		N/A	(75%-125%)		03/17/26 16:49
Antimony	52900	ND	U	49200	ug/kg		93	(75%-125%)		
Arsenic	52900	2140	J	52900	ug/kg		96	(75%-125%)		
Barium	52900	10900		65400	ug/kg		103	(75%-125%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2959953											
Beryllium	52900	J	131		53300	ug/kg		100	(75%-125%)	HS2	03/17/26 16:49
Cadmium	52900	U	ND		51500	ug/kg		97.4	(75%-125%)		
Calcium	529000		1400000		1170000	ug/kg		0*	(75%-125%)		
Chromium	52900		4800		61400	ug/kg		107	(75%-125%)		
Cobalt	52900		725		52700	ug/kg		98.3	(75%-125%)		
Copper	52900		3990		56900	ug/kg		100	(75%-125%)		
Iron	529000		3050000		4400000	ug/kg		N/A	(75%-125%)		
Lead	52900		10100		61700	ug/kg		97.6	(75%-125%)		
Magnesium	529000		305000		869000	ug/kg		107	(75%-125%)		
Manganese	52900		19500		64300	ug/kg		84.8	(75%-125%)		
Nickel	52900		1370		54200	ug/kg		99.9	(75%-125%)		
Potassium	529000		194000		766000	ug/kg		108	(75%-125%)		
Selenium	52900	J	1110		52600	ug/kg		97.4	(75%-125%)		
Silver	10600	U	ND		10400	ug/kg		98.5	(75%-125%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2959953											
Sodium	529000	J	22000		592000	ug/kg		108	(75%-125%)	HS2	03/17/26 16:49
Thallium	52900	U	ND		52900	ug/kg		100	(75%-125%)		
Vanadium	52900		6240		60500	ug/kg		103	(75%-125%)		
Zinc	52900		11100		63100	ug/kg		98.3	(75%-125%)		
QC1206404420 767718002 MSD											
Aluminum	496000		3720000		8170000	ug/kg	9.02	N/A	(0%-20%)		03/17/26 16:51
Antimony	49600	U	ND		45400	ug/kg	7.88	91.6	(0%-20%)		
Arsenic	49600	J	2140		49200	ug/kg	7.22	95	(0%-20%)		
Barium	49600		10900		62900	ug/kg	3.99	105	(0%-20%)		
Beryllium	49600	J	131		49800	ug/kg	6.65	100	(0%-20%)		
Cadmium	49600	U	ND		47800	ug/kg	7.43	96.5	(0%-20%)		
Calcium	496000		1400000		982000	ug/kg	17.8	0 *	(0%-20%)		
Chromium	49600		4800		55800	ug/kg	9.63	103	(0%-20%)		
Cobalt	49600		725		50200	ug/kg	4.77	99.9	(0%-20%)		
Copper	49600		3990		51800	ug/kg	9.4	96.5	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2959953											
Iron	496000		3050000		4410000	ug/kg	0.239	N/A	(0%-20%)	HS2	03/17/26 16:51
Lead	49600		10100		53400	ug/kg	14.4	87.4	(0%-20%)		
Magnesium	496000		305000		828000	ug/kg	4.86	105	(0%-20%)		
Manganese	49600		19500		60400	ug/kg	6.28	82.6	(0%-20%)		
Nickel	49600		1370		50500	ug/kg	7.05	99.1	(0%-20%)		
Potassium	496000		194000		699000	ug/kg	9.14	102	(0%-20%)		
Selenium	49600	J	1110		47500	ug/kg	10.2	93.5	(0%-20%)		
Silver	9910	U	ND		9800	ug/kg	6.18	98.8	(0%-20%)		
Sodium	496000	J	22000		555000	ug/kg	6.47	108	(0%-20%)		
Thallium	49600	U	ND		49200	ug/kg	7.25	99.3	(0%-20%)		
Vanadium	49600		6240		54800	ug/kg	9.9	98	(0%-20%)		
Zinc	49600		11100		56300	ug/kg	11.4	91.1	(0%-20%)		
QC1206404421 767718002 PS											
Calcium	5000		13600		18400	ug/L		94.2	(75%-125%)		03/17/26 16:53
QC1206404422 767718002 SDILT											
Aluminum			36200		7560	ug/L	4.28		(0%-20%)		03/17/26 17:01

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Antimony	U	ND	U	ND	ug/L	N/A		(0%-20%)	HS2	03/17/26 17:01
Arsenic	J	20.8	J	7.52	ug/L	80.5		(0%-20%)		
Barium		106		23.6	ug/L	11.3		(0%-20%)		
Beryllium	J	1.27	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		13600		2830	ug/L	3.64		(0%-20%)		
Chromium		46.7		10.5	ug/L	12.4		(0%-20%)		
Cobalt		7.06	U	ND	ug/L	N/A		(0%-20%)		
Copper		38.8	J	8.82	ug/L	13.7		(0%-20%)		
Iron		29600		6150	ug/L	3.7		(0%-20%)		
Lead		98.1	J	18.2	ug/L	7.16		(0%-20%)		
Magnesium		2970		615	ug/L	3.45		(0%-20%)		
Manganese		190		41.8	ug/L	10.3		(0%-20%)		
Nickel		13.3	J	2.40	ug/L	9.83		(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Potassium		1890		409	ug/L	8.55		(0%-20%)	HS2	03/17/26 17:01
Selenium	J	10.8	J	9.07	ug/L	318		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium	J	215	U	ND	ug/L	N/A		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		60.7		13.0	ug/L	7.24		(0%-20%)		
Zinc		108		27.5	ug/L	27.4		(0%-20%)		
Metals Analysis-Mercury										
Batch 2960527										
QC1206405654 LCS										
Mercury	240			247	ug/kg		103	(80%-120%)	PB1	03/13/26 07:29
QC1206405653 MB										
Mercury			U	ND	ug/kg					03/13/26 07:27
QC1206405875 760687007 MS										
Mercury	232 HhU	ND	Hh	199	ug/kg		86	(80%-120%)		03/13/26 07:32
QC1206405876 760687007 MSD										
Mercury	225 HhU	ND	Hh	196	ug/kg	1.89	87	(0%-20%)		03/13/26 07:34

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
QC1206405354 LCS										
1,2,4,5-Tetrachlorobenzene	1660			806	ug/kg		49	(42%-108%)	BM1	03/13/26 13:44
2,3,4,6-Tetrachlorophenol	1660			865	ug/kg		52	(44%-114%)		
2,4,5-Trichlorophenol	1660			1460	ug/kg		88	(50%-121%)		
2,4,6-Trichlorophenol	1660			872	ug/kg		53	(48%-112%)		
2,4-Dichlorophenol	1660			823	ug/kg		50	(47%-112%)		
2,4-Dimethylphenol	1660			453	ug/kg		27*	(32%-74%)		
2,4-Dinitrophenol	1660		J	592	ug/kg		36	(22%-89%)		
2,4-Dinitrotoluene	1660			854	ug/kg		52	(49%-121%)		
2,6-Dinitrotoluene	1660			845	ug/kg		51	(47%-118%)		
2-Chloronaphthalene	1660			796	ug/kg		48	(44%-107%)		
2-Chlorophenol	1660			818	ug/kg		49	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			584	ug/kg		35	(21%-106%)		
2-Methylnaphthalene	1660			895	ug/kg		54	(47%-109%)		
2-Nitrophenol	1660			788	ug/kg		48	(44%-109%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
3,3'-Dichlorobenzidine	1660			764	ug/kg		46	(39%-100%)	BM1	03/13/26 13:44
4-Bromophenylphenylether	1660			906	ug/kg		55	(50%-120%)		
4-Chloro-3-methylphenol	1660			842	ug/kg		51	(50%-114%)		
4-Chloroaniline	1660			726	ug/kg		44	(38%-96%)		
4-Chlorophenylphenylether	1660			940	ug/kg		57	(50%-118%)		
4-Nitrophenol	1660			996	ug/kg		60	(46%-120%)		
Acenaphthene	1660			802	ug/kg		48	(45%-112%)		
Acenaphthylene	1660			759	ug/kg		46	(43%-106%)		
Acetophenone	1660			807	ug/kg		49	(35%-100%)		
Anthracene	1660			821	ug/kg		50	(50%-115%)		
Atrazine	1660			838	ug/kg		51	(51%-144%)		
Benzaldehyde	1660		J	132	ug/kg		8*	(21%-89%)		
Benzo(a)anthracene	1660			892	ug/kg		54	(51%-117%)		
Benzo(a)pyrene	1660			875	ug/kg		53	(48%-118%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Benzo(b)fluoranthene	1660			1010	ug/kg		61	(51%-121%)	BM1	03/13/26 13:44
Benzo(ghi)perylene	1660			927	ug/kg		56	(51%-125%)		
Benzo(k)fluoranthene	1660			951	ug/kg		57	(50%-124%)		
Butylbenzylphthalate	1660			1000	ug/kg		60	(51%-133%)		
Carbazole	1660			893	ug/kg		54	(53%-119%)		
Chrysene	1660			868	ug/kg		52	(52%-116%)		
Di-n-butylphthalate	1660			954	ug/kg		58	(54%-126%)		
Di-n-octylphthalate	1660			920	ug/kg		56	(50%-133%)		
Dibenzo(a,h)anthracene	1660			898	ug/kg		54	(48%-120%)		
Dibenzofuran	1660			840	ug/kg		51	(50%-110%)		
Diethylphthalate	1660			849	ug/kg		51*	(52%-123%)		
Dimethylphthalate	1660			843	ug/kg		51	(49%-124%)		
Diphenylamine	1660			866	ug/kg		52	(51%-115%)		
Fluoranthene	1660			921	ug/kg		56	(52%-121%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Fluorene	1660			887	ug/kg		54	(50%-116%)	BM1	03/13/26 13:44
Hexachlorobenzene	1660			869	ug/kg		53	(48%-117%)		
Hexachlorobutadiene	1660			852	ug/kg		51	(40%-105%)		
Hexachlorocyclopentadiene	1660		J	269	ug/kg		16*	(26%-82%)		
Hexachloroethane	1660			773	ug/kg		47	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			938	ug/kg		57	(47%-123%)		
Isophorone	1660			672	ug/kg		41	(37%-120%)		
N-Nitrosodipropylamine	1660			761	ug/kg		46	(46%-113%)		
Naphthalene	1660			790	ug/kg		48	(44%-105%)		
Nitrobenzene	1660			799	ug/kg		48	(44%-106%)		
Pentachlorophenol	1660			970	ug/kg		59	(36%-111%)		
Phenanthrene	1660			827	ug/kg		50	(50%-114%)		
Phenol	1660			804	ug/kg		49	(46%-107%)		
Pyrene	1660			927	ug/kg		56	(53%-122%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
bis(2-Chloro-1-methylethyl)ether	1660			771	ug/kg		47	(31%-142%)	BM1	03/13/26 13:44
bis(2-Chloroethoxy)methane	1660			742	ug/kg		45	(45%-106%)		
bis(2-Chloroethyl) ether	1660			722	ug/kg		44	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			888	ug/kg		54	(50%-134%)		
m,p-Cresols	1660			778	ug/kg		47	(46%-106%)		
m-Nitroaniline	1660			490	ug/kg		30*	(41%-108%)		
o-Cresol	1660			771	ug/kg		47	(45%-105%)		
o-Nitroaniline	1660			805	ug/kg		49	(48%-117%)		
p-Nitroaniline	1660			872	ug/kg		53	(49%-119%)		
**2,4,6-Tribromophenol	3310			2100	ug/kg		64	(20%-104%)		
**2-Fluorobiphenyl	1660			876	ug/kg		53	(20%-93%)		
**2-Fluorophenol	3310			1770	ug/kg		54	(19%-94%)		
**Nitrobenzene-d5	1660			866	ug/kg		52	(19%-90%)		
**Phenol-d5	3310			1750	ug/kg		53	(20%-99%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2960411											
**p-Terphenyl-d14	1660			1080	ug/kg		66	(24%-107%)	BM1	03/13/26	13:44
QC1206405353 MB											
1,1'-Biphenyl			U	ND	ug/kg					03/13/26	13:21
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg						
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg						
2,4,5-Trichlorophenol			U	ND	ug/kg						
2,4,6-Trichlorophenol			U	ND	ug/kg						
2,4-Dichlorophenol			U	ND	ug/kg						
2,4-Dimethylphenol			U	ND	ug/kg						
2,4-Dinitrophenol			U	ND	ug/kg						
2,4-Dinitrotoluene			U	ND	ug/kg						
2,6-Dinitrotoluene			U	ND	ug/kg						
2-Chloronaphthalene			U	ND	ug/kg						
2-Chlorophenol			U	ND	ug/kg						
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg						

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2960411											
2-Methylnaphthalene			U	ND	ug/kg				BM1	03/13/26	13:21
2-Nitrophenol			U	ND	ug/kg						
3,3'-Dichlorobenzidine			U	ND	ug/kg						
4-Bromophenylphenylether			U	ND	ug/kg						
4-Chloro-3-methylphenol			U	ND	ug/kg						
4-Chloroaniline			U	ND	ug/kg						
4-Chlorophenylphenylether			U	ND	ug/kg						
4-Nitrophenol			U	ND	ug/kg						
Acenaphthene			U	ND	ug/kg						
Acenaphthylene			U	ND	ug/kg						
Acetophenone			U	ND	ug/kg						
Anthracene			U	ND	ug/kg						
Atrazine			U	ND	ug/kg						
Benzaldehyde			U	ND	ug/kg						

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Benzo(a)anthracene			U	ND	ug/kg				BM1	03/13/26 13:21
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Diphenylamine			U	ND	ug/kg				BM1	03/13/26 13:21
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Phenol			U	ND	ug/kg				BM1	03/13/26 13:21
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3310			3010	ug/kg		91	(20%-104%)		
**2-Fluorobiphenyl	1650			1400	ug/kg		85	(20%-93%)		
**2-Fluorophenol	3310			2750	ug/kg		83	(19%-94%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
**Nitrobenzene-d5	1650				1320	ug/kg		80	(19%-90%)	BM1	03/13/26 13:21
**Phenol-d5	3310				2660	ug/kg		80	(20%-99%)		
**p-Terphenyl-d14	1650				1460	ug/kg		88	(24%-107%)		
QC1206405355 767718006 MS											
1,2,4,5-Tetrachlorobenzene	1810	U	ND		1050	ug/kg		58	(16%-106%)		03/13/26 20:38
2,3,4,6-Tetrachlorophenol	1810	U	ND		1230	ug/kg		68	(15%-114%)		
2,4,5-Trichlorophenol	1810	U	ND		1450	ug/kg		80	(16%-122%)		
2,4,6-Trichlorophenol	1810	U	ND		1310	ug/kg		72	(16%-112%)		
2,4-Dichlorophenol	1810	U	ND		1200	ug/kg		66	(15%-112%)		
2,4-Dimethylphenol	1810	U	ND		712	ug/kg		39	(17%-73%)		
2,4-Dinitrophenol	1810	U	ND	J	479	ug/kg		26	(19%-117%)		
2,4-Dinitrotoluene	1810	U	ND		1270	ug/kg		70	(15%-119%)		
2,6-Dinitrotoluene	1810	U	ND		1210	ug/kg		67	(14%-119%)		
2-Chloronaphthalene	1810	U	ND		1160	ug/kg		64	(15%-108%)		
2-Chlorophenol	1810	U	ND		1190	ug/kg		66	(17%-104%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
2-Methyl-4,6-dinitrophenol	1810	U	ND	J	360	ug/kg		20	(10%-120%)	BM1	03/13/26 20:38
2-Methylnaphthalene	1810		153		1470	ug/kg		73	(16%-108%)		
2-Nitrophenol	1810	U	ND		1060	ug/kg		59	(14%-107%)		
3,3'-Dichlorobenzidine	1810	U	ND		1110	ug/kg		62	(13%-95%)		
4-Bromophenylphenylether	1810	U	ND		1320	ug/kg		73	(16%-122%)		
4-Chloro-3-methylphenol	1810	U	ND		1370	ug/kg		76	(17%-116%)		
4-Chloroaniline	1810	U	ND		1010	ug/kg		56	(16%-91%)		
4-Chlorophenylphenylether	1810	U	ND		1310	ug/kg		72	(16%-120%)		
4-Nitrophenol	1810	U	ND		1460	ug/kg		80	(14%-122%)		
Acenaphthene	1810	U	ND		1140	ug/kg		63	(15%-114%)		
Acenaphthylene	1810	U	ND		1070	ug/kg		59	(16%-107%)		
Acetophenone	1810	U	ND		1170	ug/kg		64	(16%-97%)		
Anthracene	1810	U	ND		1230	ug/kg		68	(16%-119%)		
Atrazine	1810	U	ND		1140	ug/kg		63	(12%-144%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Benzaldehyde	1810	U	ND	J	181	ug/kg		10*	(12%-103%)	BM1	03/13/26 20:38
Benzo(a)anthracene	1810	J	26.4		1350	ug/kg		73	(16%-120%)		
Benzo(a)pyrene	1810	J	22.5		1310	ug/kg		71	(16%-119%)		
Benzo(b)fluoranthene	1810	J	32.2		1510	ug/kg		82	(16%-123%)		
Benzo(ghi)perylene	1810	J	21.0		1430	ug/kg		78	(15%-127%)		
Benzo(k)fluoranthene	1810	U	ND		1330	ug/kg		74	(16%-126%)		
Butylbenzylphthalate	1810	U	ND		1580	ug/kg		87	(14%-135%)		
Carbazole	1810	U	ND		1270	ug/kg		70	(16%-123%)		
Chrysene	1810	J	29.0		1290	ug/kg		70	(17%-119%)		
Di-n-butylphthalate	1810	U	ND		1420	ug/kg		79	(16%-129%)		
Di-n-octylphthalate	1810	U	ND		1520	ug/kg		84	(16%-134%)		
Dibenzo(a,h)anthracene	1810	U	ND		1380	ug/kg		76	(16%-120%)		
Dibenzofuran	1810	U	ND		1240	ug/kg		68	(17%-114%)		
Diethylphthalate	1810	U	ND		1230	ug/kg		68	(16%-124%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Dimethylphthalate	1810	U	ND		1200	ug/kg		66	(16%-123%)	BM1	03/13/26 20:38
Diphenylamine	1810	U	ND		1290	ug/kg		71	(18%-116%)		
Fluoranthene	1810		38.8		1360	ug/kg		73	(17%-124%)		
Fluorene	1810	U	ND		1260	ug/kg		70	(16%-119%)		
Hexachlorobenzene	1810	U	ND		1250	ug/kg		69	(18%-117%)		
Hexachlorobutadiene	1810	U	ND		1070	ug/kg		59	(15%-101%)		
Hexachlorocyclopentadiene	1810	U	ND	U	ND	ug/kg		0*	(16%-60%)		
Hexachloroethane	1810	U	ND		876	ug/kg		48	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1810	J	18.8		1440	ug/kg		78	(14%-125%)		
Isophorone	1810	U	ND		1020	ug/kg		56	(12%-116%)		
N-Nitrosodipropylamine	1810	U	ND		1150	ug/kg		63	(14%-113%)		
Naphthalene	1810		98.2		1220	ug/kg		62	(15%-105%)		
Nitrobenzene	1810	U	ND		1070	ug/kg		59	(15%-105%)		
Pentachlorophenol	1810	U	ND		1390	ug/kg		77	(11%-115%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Phenanthrene	1810		65.6		1300	ug/kg		68	(15%-120%)	BM1	03/13/26 20:38
Phenol	1810	U	ND		1210	ug/kg		67	(16%-107%)		
Pyrene	1810		37.3		1320	ug/kg		71	(15%-127%)		
bis(2-Chloro-1-methylethyl)ether	1810	U	ND		1130	ug/kg		62	(10%-110%)		
bis(2-Chloroethoxy)methane	1810	U	ND		1120	ug/kg		62	(16%-105%)		
bis(2-Chloroethyl) ether	1810	U	ND		1040	ug/kg		58	(14%-106%)		
bis(2-Ethylhexyl)phthalate	1810	U	ND		1560	ug/kg		86	(15%-135%)		
m,p-Cresols	1810	U	ND		1260	ug/kg		70	(17%-106%)		
m-Nitroaniline	1810	U	ND		716	ug/kg		40	(15%-103%)		
o-Cresol	1810	U	ND		1170	ug/kg		65	(17%-104%)		
o-Nitroaniline	1810	U	ND		1290	ug/kg		71	(16%-116%)		
p-Nitroaniline	1810	U	ND		1240	ug/kg		69	(12%-118%)		
**2,4,6-Tribromophenol	3620		2220		2540	ug/kg		70	(20%-104%)		
**2-Fluorobiphenyl	1810		931		1040	ug/kg		57	(20%-93%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
**2-Fluorophenol	3620		1870		2190	ug/kg		60	(19%-94%)	BM1	03/13/26 20:38
**Nitrobenzene-d5	1810		848		1000	ug/kg		55	(19%-90%)		
**Phenol-d5	3620		1900		2250	ug/kg		62	(20%-99%)		
**p-Terphenyl-d14	1810		1130		1200	ug/kg		66	(24%-107%)		
QC1206405356 767718006 MSD											
1,2,4,5-Tetrachlorobenzene	1810	U	ND		980	ug/kg	7	54	(0%-30%)		03/13/26 21:01
2,3,4,6-Tetrachlorophenol	1810	U	ND		1060	ug/kg	15	59	(0%-30%)		
2,4,5-Trichlorophenol	1810	U	ND		1320	ug/kg	10	73	(0%-30%)		
2,4,6-Trichlorophenol	1810	U	ND		1180	ug/kg	10	65	(0%-30%)		
2,4-Dichlorophenol	1810	U	ND		1060	ug/kg	13	58	(0%-30%)		
2,4-Dimethylphenol	1810	U	ND		627	ug/kg	13	35	(0%-30%)		
2,4-Dinitrophenol	1810	U	ND	J	398	ug/kg	18	22	(0%-30%)		
2,4-Dinitrotoluene	1810	U	ND		1110	ug/kg	13	61	(0%-30%)		
2,6-Dinitrotoluene	1810	U	ND		1100	ug/kg	9	61	(0%-30%)		
2-Chloronaphthalene	1810	U	ND		1160	ug/kg	0	64	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960411												
2-Chlorophenol	1810	U	ND		1080	ug/kg	10		60	(0%-30%)	BM1	03/13/26 21:01
2-Methyl-4,6-dinitrophenol	1810	U	ND	J	238	ug/kg	41	*	13	(0%-30%)		
2-Methylnaphthalene	1810		153		1370	ug/kg	7		67	(0%-30%)		
2-Nitrophenol	1810	U	ND		976	ug/kg	8		54	(0%-30%)		
3,3'-Dichlorobenzidine	1810	U	ND		980	ug/kg	13		54	(0%-30%)		
4-Bromophenylphenylether	1810	U	ND		1180	ug/kg	11		65	(0%-30%)		
4-Chloro-3-methylphenol	1810	U	ND		1160	ug/kg	17		64	(0%-30%)		
4-Chloroaniline	1810	U	ND		881	ug/kg	13		49	(0%-30%)		
4-Chlorophenylphenylether	1810	U	ND		1230	ug/kg	7		68	(0%-30%)		
4-Nitrophenol	1810	U	ND		1380	ug/kg	6		76	(0%-30%)		
Acenaphthene	1810	U	ND		1050	ug/kg	8		58	(0%-30%)		
Acenaphthylene	1810	U	ND		997	ug/kg	8		55	(0%-30%)		
Acetophenone	1810	U	ND		1040	ug/kg	11		58	(0%-30%)		
Anthracene	1810	U	ND		1080	ug/kg	13		60	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Atrazine	1810	U	ND		990	ug/kg	14	55	(0%-30%)	BM1	03/13/26 21:01
Benzaldehyde	1810	U	ND	J	225	ug/kg	22	12	(0%-30%)		
Benzo(a)anthracene	1810	J	26.4		1140	ug/kg	17	62	(0%-30%)		
Benzo(a)pyrene	1810	J	22.5		1140	ug/kg	14	62	(0%-30%)		
Benzo(b)fluoranthene	1810	J	32.2		1280	ug/kg	17	69	(0%-30%)		
Benzo(ghi)perylene	1810	J	21.0		1210	ug/kg	17	65	(0%-30%)		
Benzo(k)fluoranthene	1810	U	ND		1160	ug/kg	14	64	(0%-30%)		
Butylbenzylphthalate	1810	U	ND		1260	ug/kg	23	69	(0%-30%)		
Carbazole	1810	U	ND		1120	ug/kg	13	62	(0%-30%)		
Chrysene	1810	J	29.0		1110	ug/kg	15	60	(0%-30%)		
Di-n-butylphthalate	1810	U	ND		1210	ug/kg	16	67	(0%-30%)		
Di-n-octylphthalate	1810	U	ND		1260	ug/kg	18	70	(0%-30%)		
Dibenzo(a,h)anthracene	1810	U	ND		1170	ug/kg	16	65	(0%-30%)		
Dibenzofuran	1810	U	ND		1150	ug/kg	7	64	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Diethylphthalate	1810	U	ND		1100	ug/kg	11	61	(0%-30%)	BM1	03/13/26 21:01
Dimethylphthalate	1810	U	ND		1090	ug/kg	9	60	(0%-30%)		
Diphenylamine	1810	U	ND		1150	ug/kg	11	64	(0%-30%)		
Fluoranthene	1810		38.8		1220	ug/kg	11	65	(0%-30%)		
Fluorene	1810	U	ND		1160	ug/kg	8	64	(0%-30%)		
Hexachlorobenzene	1810	U	ND		1150	ug/kg	8	64	(0%-30%)		
Hexachlorobutadiene	1810	U	ND		1020	ug/kg	5	56	(0%-30%)		
Hexachlorocyclopentadiene	1810	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Hexachloroethane	1810	U	ND		882	ug/kg	1	49	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1810	J	18.8		1230	ug/kg	15	67	(0%-30%)		
Isophorone	1810	U	ND		926	ug/kg	10	51	(0%-30%)		
N-Nitrosodipropylamine	1810	U	ND		1030	ug/kg	10	57	(0%-30%)		
Naphthalene	1810		98.2		1150	ug/kg	5	58	(0%-30%)		
Nitrobenzene	1810	U	ND		1010	ug/kg	6	56	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Pentachlorophenol	1810	U	ND		1110	ug/kg	22	61	(0%-30%)	BM1	03/13/26 21:01
Phenanthrene	1810		65.6		1170	ug/kg	10	61	(0%-30%)		
Phenol	1810	U	ND		1080	ug/kg	11	60	(0%-30%)		
Pyrene	1810		37.3		1190	ug/kg	10	64	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1810	U	ND		1040	ug/kg	8	58	(0%-30%)		
bis(2-Chloroethoxy)methane	1810	U	ND		1020	ug/kg	9	56	(0%-30%)		
bis(2-Chloroethyl) ether	1810	U	ND		960	ug/kg	8	53	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1810	U	ND		1240	ug/kg	23	68	(0%-30%)		
m,p-Cresols	1810	U	ND		1110	ug/kg	13	61	(0%-30%)		
m-Nitroaniline	1810	U	ND		655	ug/kg	9	36	(0%-30%)		
o-Cresol	1810	U	ND		1040	ug/kg	12	58	(0%-30%)		
o-Nitroaniline	1810	U	ND		1150	ug/kg	11	63	(0%-30%)		
p-Nitroaniline	1810	U	ND		1070	ug/kg	14	59	(0%-30%)		
**2,4,6-Tribromophenol	3620		2220		2320	ug/kg		64	(20%-104%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
**2-Fluorobiphenyl	1810	931		1010	ug/kg		56	(20%-93%)	BM1	03/13/26 21:01
**2-Fluorophenol	3620	1870		2100	ug/kg		58	(19%-94%)		
**Nitrobenzene-d5	1810	848		960	ug/kg		53	(19%-90%)		
**Phenol-d5	3620	1900		2120	ug/kg		58	(20%-99%)		
**p-Terphenyl-d14	1810	1130		1150	ug/kg		63	(24%-107%)		
Semi-Volatiles-PCB										
Batch 2960517										
QC1206405638 LCS										
Aroclor-1016	33.3			23.6	ug/kg		71	(70%-130%)	JXM	03/13/26 15:34
Aroclor-1260	33.3			29.3	ug/kg		88	(70%-130%)		
**4cmx	6.66			4.26	ug/kg		64	(24%-118%)		
**Decachlorobiphenyl	6.66			5.95	ug/kg		89	(31%-138%)		
QC1206405637 MB										
Aroclor-1016			U	ND	ug/kg					03/13/26 15:23
Aroclor-1221			U	ND	ug/kg					
Aroclor-1232			U	ND	ug/kg					
Aroclor-1242			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB											
Batch 2960517											
Aroclor-1248				U	ND	ug/kg				JXM	03/13/26 15:23
Aroclor-1254				U	ND	ug/kg					
Aroclor-1260				U	ND	ug/kg					
Aroclor-1262				U	ND	ug/kg					
Aroclor-1268				U	ND	ug/kg					
**4cmx	6.67				4.17	ug/kg		63	(24%-118%)		
**Decachlorobiphenyl	6.67				5.91	ug/kg		89	(31%-138%)		
QC1206405639 767718002 MS											
Aroclor-1016	35.5	U	ND	J	38.3	ug/kg		108	(31%-117%)		03/13/26 16:16
Aroclor-1260	35.5	J	39.6	J	61.9	ug/kg		63	(32%-124%)		
**4cmx	7.09		3.97		4.49	ug/kg		63	(24%-118%)		
**Decachlorobiphenyl	7.09		4.19		4.74	ug/kg		67	(31%-138%)		
QC1206405640 767718002 MSD											
Aroclor-1016	35.6	U	ND	J	36.9	ug/kg	4	104	(0%-35%)		03/13/26 16:32
Aroclor-1260	35.6	J	39.6	J	55.7	ug/kg	11	45	(0%-37%)		
**4cmx	7.12		3.97		4.11	ug/kg		58	(24%-118%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2960517										
**Decachlorobiphenyl	7.12	4.19		5.17	ug/kg		73	(31%-138%)	JXM	03/13/26 16:32
Semi-Volatiles-Pesticide										
Batch 2960428										
QC1206405383 LCS										
4,4'-DDD	41.4			35.9	ug/kg		87	(70%-130%)	YS1	03/13/26 10:48
4,4'-DDE	41.4			36.1	ug/kg		87	(70%-130%)		
4,4'-DDT	41.4			36.1	ug/kg		87	(70%-130%)		
Aldrin	16.6			16.5	ug/kg		100	(70%-130%)		
Dieldrin	41.4			35.9	ug/kg		87	(70%-130%)		
Endosulfan I	16.6			12.9	ug/kg		78	(70%-130%)		
Endosulfan II	41.4			33.8	ug/kg		82	(70%-130%)		
Endosulfan sulfate	41.4			33.2	ug/kg		80	(70%-130%)		
Endrin	41.4			37.3	ug/kg		90	(70%-130%)		
Endrin aldehyde	41.4			37.0	ug/kg		89	(70%-130%)		
Endrin ketone	41.4			33.0	ug/kg		80	(70%-130%)		
Heptachlor	16.6			13.0	ug/kg		79	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2960428										
Heptachlor epoxide	16.6			14.6	ug/kg		88	(70%-130%)	YS1	03/13/26 10:48
Methoxychlor	166			142	ug/kg		86	(70%-130%)		
alpha-BHC	16.6			14.1	ug/kg		85	(70%-130%)		
beta-BHC	16.6			12.5	ug/kg		76	(70%-130%)		
cis-Chlordane	16.6			13.2	ug/kg		80	(70%-130%)		
delta-BHC	16.6			15.0	ug/kg		90	(70%-130%)		
gamma-BHC (Lindane)	16.6			13.8	ug/kg		84	(70%-130%)		
trans-Chlordane	16.6			12.4	ug/kg		75	(70%-130%)		
**4cmx	33.1			31.9	ug/kg		96	(26%-130%)		
**Decachlorobiphenyl	33.1			30.7	ug/kg		93	(35%-151%)		
QC1206405386 LCS										
Toxaphene	133			103	ug/kg		77	(70%-130%)		03/13/26 11:10
**4cmx	33.3			31.3	ug/kg		94	(26%-130%)		
**Decachlorobiphenyl	33.3			29.2	ug/kg		88	(35%-151%)		
QC1206405382 MB										
4,4'-DDD			U	ND	ug/kg					03/13/26 10:25

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2960428										
4,4'-DDE			U	ND	ug/kg				YS1	03/13/26 10:25
4,4'-DDT			U	ND	ug/kg					
Aldrin			U	ND	ug/kg					
Dieldrin			U	ND	ug/kg					
Endosulfan I			U	ND	ug/kg					
Endosulfan II			U	ND	ug/kg					
Endosulfan sulfate			U	ND	ug/kg					
Endrin			U	ND	ug/kg					
Endrin aldehyde			U	ND	ug/kg					
Endrin ketone			U	ND	ug/kg					
Heptachlor			U	ND	ug/kg					
Heptachlor epoxide			U	ND	ug/kg					
Methoxychlor			U	ND	ug/kg					
Toxaphene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-Pesticide												
Batch 2960428												
alpha-BHC				U	ND	ug/kg				YS1	03/13/26	10:25
beta-BHC				U	ND	ug/kg						
cis-Chlordane				U	ND	ug/kg						
delta-BHC				U	ND	ug/kg						
gamma-BHC (Lindane)				U	ND	ug/kg						
trans-Chlordane				U	ND	ug/kg						
**4cmx	33.2				31.6	ug/kg		95	(26%-130%)			
**Decachlorobiphenyl	33.2				30.1	ug/kg		91	(35%-151%)			
QC1206405384 767718002 MS												
4,4'-DDD	44.6	U	ND		40.4	ug/kg		90	(33%-154%)		03/13/26	11:55
4,4'-DDE	44.6	U	ND		40.4	ug/kg		91	(29%-150%)			
4,4'-DDT	44.6	J	0.697		38.4	ug/kg		85	(19%-156%)			
Aldrin	17.8	U	ND		18.5	ug/kg		104	(26%-145%)			
Dieldrin	44.6	U	ND		40.4	ug/kg		90	(28%-144%)			
Endosulfan I	17.8	U	ND		13.6	ug/kg		76	(20%-140%)			

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2960428											
Endosulfan II	44.6	U	ND		36.2	ug/kg		81	(22%-143%)	YS1	03/13/26 11:55
Endosulfan sulfate	44.6	U	ND		36.7	ug/kg		82	(25%-144%)		
Endrin	44.6	U	ND		45.8	ug/kg		103	(34%-164%)		
Endrin aldehyde	44.6	U	ND		39.2	ug/kg		88	(22%-149%)		
Endrin ketone	44.6	U	ND		37.2	ug/kg		83	(22%-142%)		
Heptachlor	17.8	U	ND		15.1	ug/kg		84	(21%-144%)		
Heptachlor epoxide	17.8	U	ND		16.5	ug/kg		92	(24%-148%)		
Methoxychlor	178	U	ND		154	ug/kg		87	(17%-150%)		
alpha-BHC	17.8	U	ND		17.7	ug/kg		99	(24%-143%)		
beta-BHC	17.8	U	ND		15.0	ug/kg		84	(22%-145%)		
cis-Chlordane	17.8	U	ND		14.3	ug/kg		80	(20%-142%)		
delta-BHC	17.8	U	ND		17.3	ug/kg		97	(21%-144%)		
gamma-BHC (Lindane)	17.8	U	ND		16.6	ug/kg		93	(22%-140%)		
trans-Chlordane	17.8	U	ND		14.6	ug/kg		82	(21%-141%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2960428											
**4cmx	35.7		30.2		32.9	ug/kg		92	(26%-130%)	YS1	03/13/26 11:55
**Decachlorobiphenyl	35.7		28.5		29.8	ug/kg		84	(35%-151%)		
QC1206405385 767718002 MSD											
4,4'-DDD	44.7	U	ND		41.0	ug/kg	2	92	(0%-30%)		03/13/26 12:17
4,4'-DDE	44.7	U	ND		41.0	ug/kg	2	92	(0%-30%)		
4,4'-DDT	44.7	J	0.697		36.3	ug/kg	6	80	(0%-30%)		
Aldrin	17.9	U	ND		18.7	ug/kg	1	105	(0%-30%)		
Dieldrin	44.7	U	ND		40.7	ug/kg	1	91	(0%-30%)		
Endosulfan I	17.9	U	ND		13.7	ug/kg	1	77	(0%-30%)		
Endosulfan II	44.7	U	ND		35.9	ug/kg	1	80	(0%-30%)		
Endosulfan sulfate	44.7	U	ND		36.7	ug/kg	0	82	(0%-30%)		
Endrin	44.7	U	ND		46.1	ug/kg	1	103	(0%-30%)		
Endrin aldehyde	44.7	U	ND		38.6	ug/kg	2	86	(0%-30%)		
Endrin ketone	44.7	U	ND		36.5	ug/kg	2	82	(0%-30%)		
Heptachlor	17.9	U	ND		14.7	ug/kg	2	83	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 2960428												
Heptachlor epoxide	17.9	U	ND		16.1	ug/kg	3		90	(0%-30%)	YS1	03/13/26 12:17
Methoxychlor	179	U	ND		150	ug/kg	3		84	(0%-30%)		
alpha-BHC	17.9	U	ND		17.6	ug/kg	0		99	(0%-30%)		
beta-BHC	17.9	U	ND		16.8	ug/kg	11		94	(0%-30%)		
cis-Chlordane	17.9	U	ND		14.7	ug/kg	3		82	(0%-30%)		
delta-BHC	17.9	U	ND		17.2	ug/kg	1		96	(0%-30%)		
gamma-BHC (Lindane)	17.9	U	ND		16.4	ug/kg	1		92	(0%-30%)		
trans-Chlordane	17.9	U	ND		14.3	ug/kg	2		80	(0%-30%)		
**4cmx	35.7		30.2		33.0	ug/kg			92	(26%-130%)		
**Decachlorobiphenyl	35.7		28.5		30.5	ug/kg			85	(35%-151%)		
Spectrometric Analysis												
Batch 2962940												
QC1206410022 767984004 DUP												
Hexavalent Chromium			0.502		0.502	mg/kg	0.0205	^		(+/-0.310)	BR2	03/25/26 12:42
QC1206410024 ILCS												
Hexavalent Chromium	6.99				6.93	mg/kg			99.1	(80%-120%)		03/25/26 12:42
QC1206410019 LCS												
Hexavalent Chromium	3.44				3.32	mg/kg			96.5	(80%-120%)		03/25/26 12:42

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis										
Batch 2962940										
QC1206410018 MB										
Hexavalent Chromium			U	ND	mg/kg				BR2	03/25/26 12:42
QC1206410023 767984004 MS										
Hexavalent Chromium	3.10	0.502		3.31	mg/kg		90.5	(75%-125%)		03/25/26 12:42
Volatile-GC/MS										
Batch 2965810										
QC1206415268 LCS										
1,1,1-Trichloroethane	50.0			45.7	ug/kg		91	(72%-126%)	JEB	03/23/26 08:15
1,1,2,2-Tetrachloroethane	50.0			47.4	ug/kg		95	(69%-120%)		
1,1,2-Trichloroethane	50.0			44.5	ug/kg		89	(74%-120%)		
1,1-Dichloroethane	50.0			41.0	ug/kg		82	(72%-126%)		
1,1-Dichloroethylene	50.0			42.0	ug/kg		84	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			47.6	ug/kg		95	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			47.8	ug/kg		96	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			49.4	ug/kg		99	(60%-135%)		
1,2-Dibromoethane	50.0			48.8	ug/kg		98	(79%-120%)		
1,2-Dichlorobenzene	50.0			44.4	ug/kg		89	(73%-120%)		
1,2-Dichloroethane	50.0			39.6	ug/kg		79	(66%-123%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2-Dichloropropane	50.0			42.9	ug/kg		86	(72%-120%)	JEB	03/23/26 08:15
1,3-Dichlorobenzene	50.0			44.0	ug/kg		88	(72%-120%)		
1,4-Dichlorobenzene	50.0			44.1	ug/kg		88	(72%-120%)		
2-Butanone	250			220	ug/kg		88	(66%-125%)		
2-Hexanone	250			223	ug/kg		89	(64%-131%)		
4-Methyl-2-pentanone	250			223	ug/kg		89	(70%-126%)		
Acetone	250			177	ug/kg		71	(60%-124%)		
Benzene	50.0			43.3	ug/kg		87	(73%-120%)		
Bromochloromethane	50.0			48.3	ug/kg		97	(73%-123%)		
Bromodichloromethane	50.0			50.2	ug/kg		100	(74%-124%)		
Bromoform	50.0			52.3	ug/kg		105	(64%-126%)		
Bromomethane	50.0			43.7	ug/kg		87	(67%-138%)		
Carbon disulfide	250			210	ug/kg		84	(69%-136%)		
Carbon tetrachloride	50.0			48.3	ug/kg		97	(72%-132%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Chlorobenzene	50.0			43.5	ug/kg		87	(74%-120%)	JEB	03/23/26 08:15
Chloroethane	50.0			47.2	ug/kg		94	(69%-133%)		
Chloroform	50.0			42.4	ug/kg		85	(72%-122%)		
Chloromethane	50.0			65.1	ug/kg		130	(53%-142%)		
Cyclohexane	50.0			44.5	ug/kg		89	(63%-130%)		
Dibromochloromethane	50.0			46.9	ug/kg		94	(73%-125%)		
Dichlorodifluoromethane	50.0			55.9	ug/kg		112	(57%-150%)		
Ethylbenzene	50.0			41.9	ug/kg		84	(72%-120%)		
Isopropylbenzene	50.0			45.2	ug/kg		90	(74%-129%)		
Methyl acetate	250			213	ug/kg		85	(66%-131%)		
Methylcyclohexane	50.0			45.6	ug/kg		91	(71%-127%)		
Methylene chloride	50.0			39.4	ug/kg		79	(71%-124%)		
Styrene	50.0			45.9	ug/kg		92	(70%-123%)		
Tetrachloroethylene	50.0			46.6	ug/kg		93	(68%-126%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Toluene	50.0			42.1	ug/kg		84	(73%-120%)	JEB	03/23/26 08:15
Trichloroethylene	50.0			43.8	ug/kg		88	(74%-122%)		
Trichlorofluoromethane	50.0			47.1	ug/kg		94	(66%-137%)		
Vinyl chloride	50.0			78.1	ug/kg		156*	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			39.8	ug/kg		80	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			49.7	ug/kg		99	(74%-123%)		
m,p-Xylenes	100			86.7	ug/kg		87	(72%-121%)		
o-Xylene	50.0			41.4	ug/kg		83	(73%-120%)		
tert-Butyl methyl ether	50.0			44.8	ug/kg		90	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			40.0	ug/kg		80	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			43.4	ug/kg		87	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			43.6	ug/L		87	(75%-131%)		
**Bromofluorobenzene	50.0			43.4	ug/L		87	(67%-136%)		
**Toluene-d8	50.0			43.5	ug/L		87	(79%-122%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
QC1206415269 LCS										
1,4-Dioxane	2500			1750	ug/kg		70	(57%-134%)	JEB	03/23/26 08:40
Trichlorotrifluoroethane	250			242	ug/kg		97	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			42.4	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0			42.8	ug/L		86	(67%-136%)		
**Toluene-d8	50.0			44.2	ug/L		88	(79%-122%)		
QC1206416103 LCS										
1,1,1-Trichloroethane	50.0			45.8	ug/kg		92	(72%-126%)		03/23/26 21:16
1,1,2,2-Tetrachloroethane	50.0			52.7	ug/kg		105	(69%-120%)		
1,1,2-Trichloroethane	50.0			50.8	ug/kg		102	(74%-120%)		
1,1-Dichloroethane	50.0			43.3	ug/kg		87	(72%-126%)		
1,1-Dichloroethylene	50.0			42.5	ug/kg		85	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			46.9	ug/kg		94	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			45.3	ug/kg		91	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			54.0	ug/kg		108	(60%-135%)		
1,2-Dibromoethane	50.0			55.5	ug/kg		111	(79%-120%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2-Dichlorobenzene	50.0			46.9	ug/kg		94	(73%-120%)	JEB	03/23/26 21:16
1,2-Dichloroethane	50.0			43.5	ug/kg		87	(66%-123%)		
1,2-Dichloropropane	50.0			47.2	ug/kg		94	(72%-120%)		
1,3-Dichlorobenzene	50.0			46.1	ug/kg		92	(72%-120%)		
1,4-Dichlorobenzene	50.0			46.1	ug/kg		92	(72%-120%)		
2-Butanone	250			273	ug/kg		109	(66%-125%)		
2-Hexanone	250			266	ug/kg		106	(64%-131%)		
4-Methyl-2-pentanone	250			264	ug/kg		106	(70%-126%)		
Acetone	250			234	ug/kg		93	(60%-124%)		
Benzene	50.0			46.2	ug/kg		92	(73%-120%)		
Bromochloromethane	50.0			52.4	ug/kg		105	(73%-123%)		
Bromodichloromethane	50.0			53.0	ug/kg		106	(74%-124%)		
Bromoform	50.0			56.1	ug/kg		112	(64%-126%)		
Bromomethane	50.0			40.2	ug/kg		80	(67%-138%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Carbon disulfide	250			218	ug/kg		87	(69%-136%)	JEB	03/23/26 21:16
Carbon tetrachloride	50.0			48.2	ug/kg		96	(72%-132%)		
Chlorobenzene	50.0			47.0	ug/kg		94	(74%-120%)		
Chloroethane	50.0			42.0	ug/kg		84	(69%-133%)		
Chloroform	50.0			44.5	ug/kg		89	(72%-122%)		
Chloromethane	50.0			62.1	ug/kg		124	(53%-142%)		
Cyclohexane	50.0			45.0	ug/kg		90	(63%-130%)		
Dibromochloromethane	50.0			50.0	ug/kg		100	(73%-125%)		
Dichlorodifluoromethane	50.0			34.6	ug/kg		69	(57%-150%)		
Ethylbenzene	50.0			43.8	ug/kg		88	(72%-120%)		
Isopropylbenzene	50.0			45.0	ug/kg		90	(74%-129%)		
Methyl acetate	250			253	ug/kg		101	(66%-131%)		
Methylcyclohexane	50.0			46.2	ug/kg		92	(71%-127%)		
Methylene chloride	50.0			45.2	ug/kg		90	(71%-124%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Styrene	50.0			49.8	ug/kg		100	(70%-123%)	JEB	03/23/26 21:16
Tetrachloroethylene	50.0			47.7	ug/kg		95	(68%-126%)		
Toluene	50.0			44.6	ug/kg		89	(73%-120%)		
Trichloroethylene	50.0			45.4	ug/kg		91	(74%-122%)		
Trichlorofluoromethane	50.0			39.9	ug/kg		80	(66%-137%)		
Vinyl chloride	50.0			68.3	ug/kg		137	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			42.0	ug/kg		84	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			54.2	ug/kg		108	(74%-123%)		
m,p-Xylenes	100			91.8	ug/kg		92	(72%-121%)		
o-Xylene	50.0			43.4	ug/kg		87	(73%-120%)		
tert-Butyl methyl ether	50.0			50.2	ug/kg		100	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			41.2	ug/kg		82	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			48.4	ug/kg		97	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(75%-131%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
**Bromofluorobenzene	50.0			43.3	ug/L		87	(67%-136%)	JEB	03/23/26 21:16
**Toluene-d8	50.0			44.0	ug/L		88	(79%-122%)		
QC1206416104 LCS										
1,4-Dioxane	2500			2300	ug/kg		92	(57%-134%)		03/23/26 21:42
Trichlorotrifluoroethane	250			188	ug/kg		75	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(75%-131%)		
**Bromofluorobenzene	50.0			42.3	ug/L		85	(67%-136%)		
**Toluene-d8	50.0			43.8	ug/L		88	(79%-122%)		
QC1206415270 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					03/23/26 09:31
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2-Dibromo-3-chloropropane			U	ND	ug/kg				JEB	03/23/26 09:31
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Bromodichloromethane			U	ND	ug/kg				JEB	03/23/26 09:31
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Methyl acetate			U	ND	ug/kg				JEB	03/23/26 09:31
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
tert-Butyl methyl ether			U	ND	ug/kg				JEB	03/23/26 09:31
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			42.3	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0			39.6	ug/L		79	(67%-136%)		
**Toluene-d8	50.0			43.4	ug/L		87	(79%-122%)		
QC1206416105 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					03/23/26 22:32
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2-Dibromoethane			U	ND	ug/kg				JEB	03/23/26 22:32
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Bromoform			U	ND	ug/kg				JEB	03/23/26 22:32
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Methylcyclohexane			U	ND	ug/kg				JEB	03/23/26 22:32
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
trans-1,2-Dichloroethylene				U	ND	ug/kg				JEB	03/23/26 22:32
trans-1,3-Dichloropropylene				U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0				40.5	ug/L		81	(75%-131%)		
**Bromofluorobenzene	50.0				40.2	ug/L		80	(67%-136%)		
**Toluene-d8	50.0				46.5	ug/L		93	(79%-122%)		
QC1206415271 767858001 MS											
1,1,1-Trichloroethane	24800	U	ND		22200	ug/kg		90	(41%-133%)		03/23/26 18:46
1,1,2,2-Tetrachloroethane	24800	U	ND		21400	ug/kg		86	(37%-136%)		
1,1,2-Trichloroethane	24800	U	ND		22700	ug/kg		92	(44%-128%)		
1,1-Dichloroethane	24800	U	ND		20500	ug/kg		83	(44%-135%)		
1,1-Dichloroethylene	24800	U	ND		22700	ug/kg		92	(40%-147%)		
1,2,3-Trichlorobenzene	24800	U	ND		21700	ug/kg		88	(30%-133%)		
1,2,4-Trichlorobenzene	24800	U	ND		20700	ug/kg		83	(29%-139%)		
1,2-Dibromo-3-chloropropane	24800	U	ND		23200	ug/kg		94	(30%-142%)		
1,2-Dibromoethane	24800	U	ND		25300	ug/kg		102	(45%-133%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
1,2-Dichlorobenzene	24800	U	ND		19900	ug/kg		80	(24%-133%)	JEB	03/23/26 18:46
1,2-Dichloroethane	24800	U	ND		19500	ug/kg		79	(43%-129%)		
1,2-Dichloropropane	24800	U	ND		20700	ug/kg		84	(44%-128%)		
1,3-Dichlorobenzene	24800	U	ND		21500	ug/kg		87	(24%-132%)		
1,4-Dichlorobenzene	24800	U	ND		20700	ug/kg		83	(24%-132%)		
2-Butanone	124000	U	ND		115000	ug/kg		93	(43%-134%)		
2-Hexanone	124000	U	ND		114000	ug/kg		92	(34%-142%)		
4-Methyl-2-pentanone	124000	U	ND		117000	ug/kg		95	(44%-137%)		
Acetone	124000	U	ND		100000	ug/kg		81	(37%-134%)		
Benzene	24800	U	ND		21100	ug/kg		85	(43%-127%)		
Bromochloromethane	24800	U	ND		23300	ug/kg		94	(45%-132%)		
Bromodichloromethane	24800	U	ND		23600	ug/kg		95	(44%-130%)		
Bromoform	24800	U	ND		22300	ug/kg		90	(34%-131%)		
Bromomethane	24800	U	ND		20300	ug/kg		82	(15%-150%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Carbon disulfide	124000	U	ND		111000	ug/kg		89	(39%-145%)	JEB	03/23/26 18:46
Carbon tetrachloride	24800	U	ND		23500	ug/kg		95	(40%-137%)		
Chlorobenzene	24800	U	ND		21800	ug/kg		88	(35%-128%)		
Chloroethane	24800	U	ND		21100	ug/kg		85	(35%-142%)		
Chloroform	24800	U	ND		20800	ug/kg		84	(44%-129%)		
Chloromethane	24800	U	ND		30600	ug/kg		124	(32%-150%)		
Cyclohexane	24800	U	ND		21500	ug/kg		87	(30%-136%)		
Dibromochloromethane	24800	U	ND		22400	ug/kg		90	(42%-130%)		
Dichlorodifluoromethane	24800	U	ND		20500	ug/kg		83	(31%-159%)		
Ethylbenzene	24800	U	ND		21100	ug/kg		85	(33%-131%)		
Isopropylbenzene	24800	U	ND		21600	ug/kg		87	(27%-147%)		
Methyl acetate	124000	U	ND		119000	ug/kg		96	(42%-154%)		
Methylcyclohexane	24800	U	ND		22900	ug/kg		92	(27%-137%)		
Methylene chloride	24800	U	ND		20300	ug/kg		82	(43%-136%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2965810												
Styrene	24800	U	ND		22500	ug/kg		91	(29%-133%)	JEB	03/23/26	18:46
Tetrachloroethylene	24800	U	ND		23800	ug/kg		96	(31%-134%)			
Toluene	24800	U	ND		21500	ug/kg		87	(35%-132%)			
Trichloroethylene	24800	U	ND		22300	ug/kg		90	(39%-133%)			
Trichlorofluoromethane	24800	U	ND		20200	ug/kg		82	(39%-140%)			
Vinyl chloride	24800	U	ND		34300	ug/kg		138	(32%-146%)			
cis-1,2-Dichloroethylene	24800	U	ND		19600	ug/kg		79	(43%-131%)			
cis-1,3-Dichloropropylene	24800	U	ND		23300	ug/kg		94	(38%-131%)			
m,p-Xylenes	49500	U	ND		43300	ug/kg		88	(32%-131%)			
o-Xylene	24800	U	ND		20900	ug/kg		84	(33%-131%)			
tert-Butyl methyl ether	24800	U	ND		20500	ug/kg		83	(46%-128%)			
trans-1,2-Dichloroethylene	24800	U	ND		20800	ug/kg		84	(41%-135%)			
trans-1,3-Dichloropropylene	24800	U	ND		20400	ug/kg		82	(37%-135%)			
**1,2-Dichloroethane-d4	50.0		40.4		42.5	ug/L		85	(75%-131%)			

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
**Bromofluorobenzene	50.0		41.2		39.3	ug/L		79	(67%-136%)	JEB	03/23/26 18:46
**Toluene-d8	50.0		46.8		45.7	ug/L		91	(79%-122%)		
QC1206415273 767858001 MS											
1,4-Dioxane	1240000	U	ND		812000	ug/kg		66	(40%-142%)		03/23/26 19:36
Trichlorotrifluoroethane	124000	U	ND		119000	ug/kg		97	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		40.4		41.1	ug/L		82	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		43.2	ug/L		86	(67%-136%)		
**Toluene-d8	50.0		46.8		45.7	ug/L		91	(79%-122%)		
QC1206415272 767858001 MSD											
1,1,1-Trichloroethane	24800	U	ND		23700	ug/kg	6	96	(0%-20%)		03/23/26 19:11
1,1,2,2-Tetrachloroethane	24800	U	ND		24800	ug/kg	15	100	(0%-20%)		
1,1,2-Trichloroethane	24800	U	ND		24200	ug/kg	6	98	(0%-20%)		
1,1-Dichloroethane	24800	U	ND		21700	ug/kg	6	88	(0%-20%)		
1,1-Dichloroethylene	24800	U	ND		24100	ug/kg	6	97	(0%-20%)		
1,2,3-Trichlorobenzene	24800	U	ND		24800	ug/kg	13	100	(0%-20%)		
1,2,4-Trichlorobenzene	24800	U	ND		23700	ug/kg	14	96	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
1,2-Dibromo-3-chloropropane	24800	U	ND		26400	ug/kg	13	106	(0%-20%)	JEB	03/23/26 19:11
1,2-Dibromoethane	24800	U	ND		26700	ug/kg	6	108	(0%-20%)		
1,2-Dichlorobenzene	24800	U	ND		23400	ug/kg	16	95	(0%-20%)		
1,2-Dichloroethane	24800	U	ND		20600	ug/kg	6	83	(0%-20%)		
1,2-Dichloropropane	24800	U	ND		22100	ug/kg	7	89	(0%-20%)		
1,3-Dichlorobenzene	24800	U	ND		23000	ug/kg	7	93	(0%-20%)		
1,4-Dichlorobenzene	24800	U	ND		22800	ug/kg	10	92	(0%-20%)		
2-Butanone	124000	U	ND		115000	ug/kg	0	93	(0%-20%)		
2-Hexanone	124000	U	ND		118000	ug/kg	4	95	(0%-20%)		
4-Methyl-2-pentanone	124000	U	ND		123000	ug/kg	5	100	(0%-20%)		
Acetone	124000	U	ND		91400	ug/kg	9	74	(0%-20%)		
Benzene	24800	U	ND		22600	ug/kg	7	91	(0%-20%)		
Bromochloromethane	24800	U	ND		24500	ug/kg	5	99	(0%-20%)		
Bromodichloromethane	24800	U	ND		25000	ug/kg	6	101	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Bromoform	24800	U	ND		26700	ug/kg	18	108	(0%-20%)	JEB	03/23/26 19:11
Bromomethane	24800	U	ND		21800	ug/kg	7	88	(0%-20%)		
Carbon disulfide	124000	U	ND		118000	ug/kg	7	96	(0%-20%)		
Carbon tetrachloride	24800	U	ND		25100	ug/kg	6	101	(0%-20%)		
Chlorobenzene	24800	U	ND		23400	ug/kg	7	95	(0%-20%)		
Chloroethane	24800	U	ND		23500	ug/kg	11	95	(0%-20%)		
Chloroform	24800	U	ND		21900	ug/kg	5	89	(0%-20%)		
Chloromethane	24800	U	ND		34000	ug/kg	11	138	(0%-20%)		
Cyclohexane	24800	U	ND		22900	ug/kg	6	92	(0%-20%)		
Dibromochloromethane	24800	U	ND		23800	ug/kg	6	96	(0%-20%)		
Dichlorodifluoromethane	24800	U	ND		22500	ug/kg	9	91	(0%-20%)		
Ethylbenzene	24800	U	ND		22700	ug/kg	7	92	(0%-20%)		
Isopropylbenzene	24800	U	ND		25400	ug/kg	16	103	(0%-20%)		
Methyl acetate	124000	U	ND		124000	ug/kg	4	101	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Methylcyclohexane	24800	U	ND		24200	ug/kg	6	98	(0%-20%)	JEB	03/23/26 19:11
Methylene chloride	24800	U	ND		21600	ug/kg	6	87	(0%-20%)		
Styrene	24800	U	ND		23900	ug/kg	6	97	(0%-20%)		
Tetrachloroethylene	24800	U	ND		25300	ug/kg	6	102	(0%-20%)		
Toluene	24800	U	ND		22900	ug/kg	6	93	(0%-20%)		
Trichloroethylene	24800	U	ND		23900	ug/kg	7	97	(0%-20%)		
Trichlorofluoromethane	24800	U	ND		22500	ug/kg	11	91	(0%-20%)		
Vinyl chloride	24800	U	ND		38400	ug/kg	11	155*	(0%-20%)		
cis-1,2-Dichloroethylene	24800	U	ND		21000	ug/kg	7	85	(0%-20%)		
cis-1,3-Dichloropropylene	24800	U	ND		25000	ug/kg	7	101	(0%-20%)		
m,p-Xylenes	49500	U	ND		46800	ug/kg	8	94	(0%-20%)		
o-Xylene	24800	U	ND		22100	ug/kg	6	89	(0%-20%)		
tert-Butyl methyl ether	24800	U	ND		22400	ug/kg	9	90	(0%-20%)		
trans-1,2-Dichloroethylene	24800	U	ND		21800	ug/kg	5	88	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
trans-1,3-Dichloropropylene	24800	U	ND		22300	ug/kg	9	90	(0%-20%)	JEB	03/23/26 19:11
**1,2-Dichloroethane-d4	50.0		40.4		42.5	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		44.9	ug/L		90	(67%-136%)		
**Toluene-d8	50.0		46.8		46.0	ug/L		92	(79%-122%)		
QC1206415274 767858001 MSD											
1,4-Dioxane	1240000	U	ND		921000	ug/kg	13	74	(0%-20%)		03/23/26 20:01
Trichlorotrifluoroethane	124000	U	ND		120000	ug/kg	1	97	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		40.4		44.1	ug/L		88	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		43.1	ug/L		86	(67%-136%)		
**Toluene-d8	50.0		46.8		50.0	ug/L		100	(79%-122%)		
Batch 2966451											
QC1206416506 LCS											
1,1,1-Trichloroethane	50.0				49.8	ug/L		100	(70%-130%)	PW3	03/24/26 08:58
1,1,2,2-Tetrachloroethane	50.0				40.3	ug/L		81	(70%-130%)		
1,1,2-Trichloroethane	50.0				41.0	ug/L		82	(70%-130%)		
1,1-Dichloroethane	50.0				43.1	ug/L		86	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
1,1-Dichloroethylene	50.0			52.3	ug/L		105	(70%-130%)	PW3	03/24/26 08:58
1,2,3-Trichlorobenzene	50.0			45.3	ug/L		91	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			47.2	ug/L		94	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			44.5	ug/L		89	(70%-130%)		
1,2-Dibromoethane	50.0			43.7	ug/L		87	(70%-130%)		
1,2-Dichlorobenzene	50.0			43.3	ug/L		87	(70%-130%)		
1,2-Dichloroethane	50.0			44.0	ug/L		88	(70%-130%)		
1,2-Dichloropropane	50.0			39.6	ug/L		79	(70%-130%)		
1,3-Dichlorobenzene	50.0			43.3	ug/L		87	(70%-130%)		
1,4-Dichlorobenzene	50.0			43.2	ug/L		86	(70%-130%)		
2-Butanone	250			198	ug/L		79	(70%-130%)		
2-Hexanone	250			188	ug/L		75	(70%-130%)		
4-Methyl-2-pentanone	250			205	ug/L		82	(70%-130%)		
Acetone	250			197	ug/L		79	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
Benzene	50.0			41.0	ug/L		82	(70%-130%)	PW3	03/24/26 08:58
Bromochloromethane	50.0			42.7	ug/L		85	(70%-130%)		
Bromodichloromethane	50.0			45.2	ug/L		90	(70%-130%)		
Bromoform	50.0			45.3	ug/L		91	(70%-130%)		
Bromomethane	50.0			67.0	ug/L		134*	(70%-130%)		
Carbon disulfide	250			239	ug/L		95	(70%-130%)		
Carbon tetrachloride	50.0			51.0	ug/L		102	(70%-130%)		
Chlorobenzene	50.0			41.7	ug/L		83	(70%-130%)		
Chloroethane	50.0			58.9	ug/L		118	(70%-130%)		
Chloroform	50.0			45.2	ug/L		90	(70%-130%)		
Chloromethane	50.0			62.0	ug/L		124	(70%-130%)		
Cyclohexane	50.0			41.7	ug/L		83	(70%-130%)		
Dibromochloromethane	50.0			46.0	ug/L		92	(70%-130%)		
Dichlorodifluoromethane	50.0			69.8	ug/L		140*	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
Ethylbenzene	50.0			43.1	ug/L		86	(70%-130%)	PW3	03/24/26 08:58
Isopropylbenzene	50.0			45.8	ug/L		92	(70%-130%)		
Methyl acetate	250			204	ug/L		82	(70%-130%)		
Methylcyclohexane	50.0			43.6	ug/L		87	(70%-130%)		
Methylene chloride	50.0			42.7	ug/L		85	(70%-130%)		
Styrene	50.0			41.1	ug/L		82	(70%-130%)		
Tetrachloroethylene	50.0			44.7	ug/L		89	(70%-130%)		
Toluene	50.0			41.4	ug/L		83	(70%-130%)		
Trichloroethylene	50.0			45.1	ug/L		90	(70%-130%)		
Trichlorofluoromethane	50.0			65.0	ug/L		130	(70%-130%)		
Vinyl chloride	50.0			47.2	ug/L		94	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			43.3	ug/L		87	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			43.1	ug/L		86	(70%-130%)		
m,p-Xylenes	100			85.4	ug/L		85	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
o-Xylene	50.0			42.3	ug/L		85	(70%-130%)	PW3	03/24/26 08:58
tert-Butyl methyl ether	50.0			42.0	ug/L		84	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			46.6	ug/L		93	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			42.9	ug/L		86	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			51.9	ug/L		104	(71%-131%)		
**Bromofluorobenzene	50.0			49.5	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			50.3	ug/L		101	(77%-121%)		
QC1206416507 LCS										
1,4-Dioxane	2500			2070	ug/L		83	(70%-130%)		03/24/26 09:48
Trichlorotrifluoroethane	250			245	ug/L		98	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			52.0	ug/L		104	(71%-131%)		
**Bromofluorobenzene	50.0			49.2	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			49.9	ug/L		100	(77%-121%)		
QC1206416508 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/24/26 11:04
1,1,2,2-Tetrachloroethane			U	ND	ug/L					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2966451											
1,1,2-Trichloroethane			U	ND	ug/L				PW3	03/24/26	11:04
1,1-Dichloroethane			U	ND	ug/L						
1,1-Dichloroethylene			U	ND	ug/L						
1,2,3-Trichlorobenzene			U	ND	ug/L						
1,2,4-Trichlorobenzene			U	ND	ug/L						
1,2-Dibromo-3-chloropropane			U	ND	ug/L						
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
2-Hexanone			U	ND	ug/L				PW3	03/24/26 11:04
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2966451											
Cyclohexane			U	ND	ug/L				PW3	03/24/26	11:04
Dibromochloromethane			U	ND	ug/L						
Dichlorodifluoromethane			U	ND	ug/L						
Ethylbenzene			U	ND	ug/L						
Isopropylbenzene			U	ND	ug/L						
Methyl acetate			U	ND	ug/L						
Methylcyclohexane			U	ND	ug/L						
Methylene chloride			U	ND	ug/L						
Styrene			U	ND	ug/L						
Tetrachloroethylene			U	ND	ug/L						
Toluene			U	ND	ug/L						
Trichloroethylene			U	ND	ug/L						
Trichlorofluoromethane			U	ND	ug/L						
Trichlorotrifluoroethane			U	ND	ug/L						

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
Vinyl chloride			U	ND	ug/L				PW3	03/24/26 11:04
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			53.2	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0			48.4	ug/L		97	(77%-123%)		
**Toluene-d8	50.0			49.7	ug/L		99	(77%-121%)		
QC1206416509 768790001 MS										
1,1,1-Trichloroethane	50.0	U	ND	61.2	ug/L		122	(60%-123%)		03/24/26 16:37
1,1,2,2-Tetrachloroethane	50.0	U	ND	48.1	ug/L		96	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND	50.9	ug/L		102	(62%-123%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2966451												
1,1-Dichloroethane	50.0	U	ND		55.6	ug/L		111	(66%-128%)	PW3	03/24/26	16:37
1,1-Dichloroethylene	50.0	U	ND		61.8	ug/L		124	(59%-138%)			
1,2,3-Trichlorobenzene	50.0	U	ND		51.0	ug/L		102	(40%-140%)			
1,2,4-Trichlorobenzene	50.0	U	ND		50.5	ug/L		101	(51%-129%)			
1,2-Dibromo-3-chloropropane	50.0	U	ND		53.2	ug/L		106	(49%-133%)			
1,2-Dibromoethane	50.0	U	ND		54.9	ug/L		110	(66%-125%)			
1,2-Dichlorobenzene	50.0	U	ND		50.3	ug/L		101	(58%-123%)			
1,2-Dichloroethane	50.0	U	ND		60.9	ug/L		122	(58%-130%)			
1,2-Dichloropropane	50.0	U	ND		50.9	ug/L		102	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		50.5	ug/L		101	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		50.5	ug/L		101	(54%-123%)			
2-Butanone	250	U	ND		261	ug/L		104	(59%-136%)			
2-Hexanone	250	U	ND		239	ug/L		96	(58%-145%)			
4-Methyl-2-pentanone	250	U	ND		248	ug/L		99	(63%-135%)			

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
Acetone	250	U	ND		266	ug/L		106	(50%-140%)	PW3	03/24/26 16:37
Benzene	50.0	U	ND		51.0	ug/L		102	(64%-119%)		
Bromochloromethane	50.0	U	ND		54.7	ug/L		109	(63%-130%)		
Bromodichloromethane	50.0	U	ND		59.1	ug/L		118	(65%-125%)		
Bromoform	50.0	U	ND		56.3	ug/L		113	(49%-129%)		
Bromomethane	50.0	U	ND		67.3	ug/L		135	(55%-154%)		
Carbon disulfide	250	U	ND		267	ug/L		107	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		63.3	ug/L		127	(60%-127%)		
Chlorobenzene	50.0	U	ND		50.1	ug/L		100	(61%-120%)		
Chloroethane	50.0	U	ND		52.4	ug/L		105	(60%-138%)		
Chloroform	50.0	U	ND		58.6	ug/L		117	(64%-122%)		
Chloromethane	50.0	U	ND		26.4	ug/L		53	(43%-161%)		
Cyclohexane	50.0	U	ND		49.2	ug/L		98	(51%-125%)		
Dibromochloromethane	50.0	U	ND		57.3	ug/L		115	(60%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
Dichlorodifluoromethane	50.0	U	ND		66.6	ug/L		133	(37%-162%)	PW3	03/24/26 16:37
Ethylbenzene	50.0	U	ND		51.9	ug/L		104	(57%-122%)		
Isopropylbenzene	50.0	U	ND		54.4	ug/L		109	(53%-128%)		
Methyl acetate	250	U	ND		280	ug/L		112	(58%-145%)		
Methylcyclohexane	50.0	U	ND		50.9	ug/L		102	(58%-122%)		
Methylene chloride	50.0	U	ND		52.9	ug/L		106	(61%-135%)		
Styrene	50.0	U	ND		50.0	ug/L		100	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		53.4	ug/L		107	(53%-124%)		
Toluene	50.0	U	ND		50.2	ug/L		100	(60%-120%)		
Trichloroethylene	50.0	U	ND		57.6	ug/L		115	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		57.2	ug/L		114	(51%-134%)		
Vinyl chloride	50.0	U	ND		47.4	ug/L		95	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		55.5	ug/L		111	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		55.0	ug/L		110	(61%-123%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
m,p-Xylenes	100	U	ND		102	ug/L		102	(58%-122%)	PW3	03/24/26 16:37
o-Xylene	50.0	U	ND		50.1	ug/L		100	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		51.7	ug/L		103	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		59.2	ug/L		118	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		53.9	ug/L		108	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		55.9		56.4	ug/L		113	(71%-131%)		
**Bromofluorobenzene	50.0		49.1		50.8	ug/L		102	(77%-123%)		
**Toluene-d8	50.0		50.3		49.8	ug/L		100	(77%-121%)		
QC1206416511 768790004 MS											
1,4-Dioxane	2500	U	ND		2250	ug/L		90	(50%-136%)		03/24/26 17:27
Trichlorotrifluoroethane	250	U	ND		220	ug/L		88	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		54.6		54.1	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0		48.0		50.0	ug/L		100	(77%-123%)		
**Toluene-d8	50.0		49.1		50.0	ug/L		100	(77%-121%)		
QC1206416510 768790001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		59.7	ug/L	2	119	(0%-20%)		03/24/26 17:02

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
1,1,2,2-Tetrachloroethane	50.0	U	ND		47.7	ug/L	1	95	(0%-20%)	PW3	03/24/26 17:02
1,1,2-Trichloroethane	50.0	U	ND		49.5	ug/L	3	99	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		53.4	ug/L	4	107	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		68.2	ug/L	10	136	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		54.5	ug/L	7	109	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		52.5	ug/L	4	105	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		56.3	ug/L	6	113	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		53.9	ug/L	2	108	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		50.3	ug/L	0	101	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		58.1	ug/L	5	116	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		48.7	ug/L	4	97	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		49.4	ug/L	2	99	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		49.1	ug/L	3	98	(0%-20%)		
2-Butanone	250	U	ND		256	ug/L	2	102	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS												
Batch 2966451												
2-Hexanone	250	U	ND		233	ug/L	2		93	(0%-20%)	PW3	03/24/26 17:02
4-Methyl-2-pentanone	250	U	ND		248	ug/L	0		99	(0%-20%)		
Acetone	250	U	ND		272	ug/L	2		109	(0%-20%)		
Benzene	50.0	U	ND		49.1	ug/L	4		98	(0%-20%)		
Bromochloromethane	50.0	U	ND		53.2	ug/L	3		106	(0%-20%)		
Bromodichloromethane	50.0	U	ND		56.1	ug/L	5		112	(0%-20%)		
Bromoform	50.0	U	ND		55.2	ug/L	2		110	(0%-20%)		
Bromomethane	50.0	U	ND		69.6	ug/L	3		139	(0%-20%)		
Carbon disulfide	250	U	ND		304	ug/L	13		122	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		61.2	ug/L	3		122	(0%-20%)		
Chlorobenzene	50.0	U	ND		48.8	ug/L	3		98	(0%-20%)		
Chloroethane	50.0	U	ND		63.6	ug/L	19		127	(0%-20%)		
Chloroform	50.0	U	ND		55.9	ug/L	5		112	(0%-20%)		
Chloromethane	50.0	U	ND		69.9	ug/L	90	*	140	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
Cyclohexane	50.0	U	ND		48.9	ug/L	1	98	(0%-20%)	PW3	03/24/26 17:02
Dibromochloromethane	50.0	U	ND		56.1	ug/L	2	112	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		68.7	ug/L	3	137	(0%-20%)		
Ethylbenzene	50.0	U	ND		50.2	ug/L	3	100	(0%-20%)		
Isopropylbenzene	50.0	U	ND		52.5	ug/L	4	105	(0%-20%)		
Methyl acetate	250	U	ND		279	ug/L	1	112	(0%-20%)		
Methylcyclohexane	50.0	U	ND		49.1	ug/L	4	98	(0%-20%)		
Methylene chloride	50.0	U	ND		56.6	ug/L	7	113	(0%-20%)		
Styrene	50.0	U	ND		48.2	ug/L	4	96	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		51.4	ug/L	4	103	(0%-20%)		
Toluene	50.0	U	ND		48.9	ug/L	3	98	(0%-20%)		
Trichloroethylene	50.0	U	ND		54.6	ug/L	5	109	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		68.8	ug/L	18	138*	(0%-20%)		
Vinyl chloride	50.0	U	ND		46.5	ug/L	2	93	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
cis-1,2-Dichloroethylene	50.0	U	ND		53.1	ug/L	4	106	(0%-20%)	PW3	03/24/26 17:02
cis-1,3-Dichloropropylene	50.0	U	ND		52.2	ug/L	5	104	(0%-20%)		
m,p-Xylenes	100	U	ND		98.9	ug/L	3	99	(0%-20%)		
o-Xylene	50.0	U	ND		49.1	ug/L	2	98	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		54.7	ug/L	6	109	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		56.8	ug/L	4	114	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		52.2	ug/L	3	104	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		55.9		55.4	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0		49.1		50.5	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.3		49.9	ug/L		100	(77%-121%)		
QC1206416512 768790004 MSD											
1,4-Dioxane	2500	U	ND		2030	ug/L	10	81	(0%-20%)		03/24/26 17:52
Trichlorotrifluoroethane	250	U	ND		231	ug/L	5	92	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.6		53.5	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0		48.0		49.2	ug/L		98	(77%-123%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2966451											
**Toluene-d8	50.0	49.1		49.8	ug/L		100	(77%-121%)	PW3	03/24/26	17:52

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
H	H	Analytical holding time was exceeded
h	h	Preparation or preservation holding time was exceeded
E	E	Concentration of the target analyte exceeds the instrument calibration range
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: ____ of ____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 767718
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VEC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TAL Metals TCL SVOCs	CN, TCL Pests	TCL PCBs	Comments
LS-TB-031026	03-10-26	1030	TB	N	DI			3	3				
LS-SB-04-1.0		1130	G	N	SO			2		1	1		Hold spike in 2 vials
LS-SB-04-1.0-DP		1132	FD	N	SO			2		1	1		
LS-SD-01		1245	G	N	SD			5	4	1			
LS-SD-01-DP		1247	FD	N	SD			5	4	1			
LS-SB-04-3.0		1430	G	N	SO			6	4	1	1		
LS-SB-34-1.0		1515	G	N	SO			1		1			

Sample Analysis Requested (5) (Fill in the number of containers for each test)
<-- Preservative Type (6)

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	3-11-26	0815	[signature]	3/11/26	815
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)
Fax Results: [ ] Yes [ ] No
Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4
Additional Remarks:
For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: ___ °C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other

1) Chain of Custody Number – Client Determined

2) QC Codes: **N** – Normal Sample, **TB** – Trip Blank, **FD** – Field Duplicate, **EB** – Equipment Blank, **MS** – Matrix Spike Sample, **MSD** – Matrix Spike Duplicate Sample, **G** – Grab, **C** – Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate. If no preservative is added = leave field blank

7) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic, Ba = Barium, Cd = Cadmium, Cr = Chromium, Pb = Lead, Hg= Mercury, Se= Selenium, Ag= Silver, MR= Misc. RCRA metals

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	**SDG/AR/COC/Work Order:** 767718	**GEL PM:**
Received By: EG	**Date Received at GEL:** 3/11/26	

Courier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR5-23 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).
	1				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		/	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		/	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		/	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr **Classified as: Rad 1 Rad 2 Rad 3**
D) Are there any sample hazards to document?		/	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		/	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	/			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	/			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	/			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	/			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		/		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	/			If Yes, are Encores or Soil Kits present? Yes / No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes / No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	/			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	/			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	/			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	/			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	/			
12	COC form is properly signed in relinquished/received sections?	/			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CLR Date 3/12/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 767718

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2965810

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2965809

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
1206415268	Laboratory Control Sample (LCS) **Batch 2965810**
1206415269	Laboratory Control Sample (LCS)
1206415270	Method Blank (MB)
1206415271	767858001(NonSDG) Matrix Spike (MS)
1206415272	767858001(NonSDG) Matrix Spike Duplicate (MSD)
1206415273	767858001(NonSDG) Matrix Spike (MS)
1206415274	767858001(NonSDG) Matrix Spike Duplicate (MSD)
1206416103	Laboratory Control Sample (LCS)
1206416104	Laboratory Control Sample (LCS)
1206416105	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 767718004 (LS-SD-01), 767718005 (LS-SD-01-DP) and 767718006 (LS-SB-04-3.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206415268 (LCS)	Vinyl chloride	156* (54%-142%)

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206415272 (Non SDG 767858001MSD)	Vinyl chloride	155* (32%-146%)

Technical Information

Sample Dilutions/Methanol Dilutions
Samples 1206415271 (Non SDG 767858001MS), 1206415272 (Non SDG 767858001MSD), 1206415273 (Non SDG 767858001MS) and 1206415274 (Non SDG 767858001MSD) were analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

Sample Re-extraction/Re-analysis

Sample 767718004 (LS-SD-01) was re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and was reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2966451

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718001	LS-TB-031026
1206416506	Laboratory Control Sample (LCS) **Batch 2966451**
1206416507	Laboratory Control Sample (LCS)
1206416508	Method Blank (MB)
1206416509	768790001(NonSDG) Matrix Spike (MS)
1206416510	768790001(NonSDG) Matrix Spike Duplicate (MSD)
1206416511	768790004(NonSDG) Matrix Spike (MS)
1206416512	768790004(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for

samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206416506 (LCS)	Bromomethane	134* (70%-130%)
	Dichlorodifluoromethane	140* (70%-130%)

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206416510 (Non SDG 768790001MSD)	Trichlorofluoromethane	138* (51%-134%)

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206416509MS and 1206416510MSD (Non SDG 768790001)	Chloromethane	RPD 90* (0%-20%)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2960411

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2960410

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0

767718007	LS-SB-34-1.0
1206405353	Method Blank (MB) **Batch 2960411**
1206405354	Laboratory Control Sample (LCS)
1206405355	767718006(LS-SB-04-3.0) Matrix Spike (MS)
1206405356	767718006(LS-SB-04-3.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206405354 (LCS)	2, 4-Dimethylphenol	27* (32%-74%)
	Benzaldehyde	8* (21%-89%)
	Diethylphthalate	51* (52%-123%)
	Hexachlorocyclopentadiene	16* (26%-82%)
	m-Nitroaniline	30* (41%-108%)

Spike Recovery Statement
The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206405355 (LS-SB-04-3.0MS)	Benzaldehyde	10* (12%-103%)
	Hexachlorocyclopentadiene	0* (16%-60%)
1206405356 (LS-SB-04-3.0MSD)	Hexachlorocyclopentadiene	0* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206405355MS and 1206405356MSD (LS-SB-04-3.0)	2-Methyl-4, 6-dinitrophenol	41* (0%-30%)

Technical Information

Sample Dilutions
Sample 767718004 (LS-SD-01) was diluted because the extract was very dark and/or viscous. The data from the

dilution were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3541/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2960428

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2960427

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718006	LS-SB-04-3.0
1206405382	Method Blank (MB) **Batch 2960428**
1206405383	Laboratory Control Sample (LCS)
1206405384	767718002(LS-SB-04-1.0) Matrix Spike (MS)
1206405385	767718002(LS-SB-04-1.0) Matrix Spike Duplicate (MSD)
1206405386	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3541/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2960517

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2960515

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718006	LS-SB-04-3.0
1206405637	Method Blank (MB) **Batch 2960517**
1206405638	Laboratory Control Sample (LCS)
1206405639	767718002(LS-SB-04-1.0) Matrix Spike (MS)
1206405640	767718002(LS-SB-04-1.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Sample Dilutions

Samples 1206405639 (LS-SB-04-1.0MS), 1206405640 (LS-SB-04-1.0MSD) and 767718002 (LS-SB-04-1.0) were diluted due to high level of non-target analytes within the retention time window of interest.

Miscellaneous Information

Manual integrations
Samples 1206405639 (LS-SB-04-1.0MS), 1206405640 (LS-SB-04-1.0MSD), 767718002 (LS-SB-04-1.0), 767718003 (LS-SB-04-1.0-DP) and 767718006 (LS-SB-04-3.0) required manual integration to correctly position the baseline as set in the calibration standard injections.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D

Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2959953

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2959952

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206404417	Method Blank (MB)**ICP Batch 2959953**
1206404418	Laboratory Control Sample (LCS)
1206404422	767718002(LS-SB-04-1.0L) Serial Dilution (SD)
1206404419	767718002(LS-SB-04-1.0S) Matrix Spike (MS)
1206404420	767718002(LS-SB-04-1.0SD) Matrix Spike Duplicate (MSD)
1206404421	767718002(LS-SB-04-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CRDL/PQL Requirements
The PQL standard recoveries for SW846 6010C or 6010D met the control limits with the exception of arsenic. Client sample concentrations were less than the MDL or greater than two times the PQL; therefore the data were not adversely affected. 767718004 (LS-SD-01).

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206404419 (LS-SB-04-1.0MS)	Calcium	-43.3* (75%-125%)
1206404420 (LS-SB-04-1.0MSD)	Calcium	-84.8* (75%-125%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will

dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw iron and manganese values within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 767718004 (LS-SD-01), 767718005 (LS-SD-01-DP) and 767718007 (LS-SB-34-1.0).

Analyte	767718		
	004	005	007
Antimony	5X	5X	5X
Arsenic	5X	5X	5X
Barium	5X	5X	5X
Cadmium	5X	5X	5X
Calcium			5X
Chromium	5X	5X	5X
Cobalt	5X	5X	5X
Copper	5X	5X	5X
Iron	5X	5X	5X
Lead	5X	5X	5X
Magnesium	5X	5X	5X
Manganese	5X	5X	50X
Nickel	5X	5X	5X
Potassium	5X	5X	5X
Selenium	5X	5X	5X
Silver	5X	5X	5X
Thallium	5X	5X	5X
Vanadium	5X	5X	5X
Zinc	5X	5X	5X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2960527

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2960526

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01

767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206405653	Method Blank (MB)**CVAA Batch 2960527**
1206405654	Laboratory Control Sample (LCS)
1206405875	760687007(NonSDGS) Matrix Spike (MS)
1206405876	760687007(NonSDGSD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Holding Time Specifications
GEL assigns holding times based on the associated methodology. Holding time is measured by comparison of the date and time of sample collection to the date and time of sample preparation and analysis. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. Samples (See Below) were initially analyzed within holding; however, the holding times had expired prior to reanalysis of samples.

Sample	Analyte	Value
1206405875 (Non SDG 760687007MS)	Mercury	Received 19-JAN-26, within holding, analyzed 13-MAR-26, out of holding 12-FEB-26
	Mercury	Received 19-JAN-26, within holding, prepped 12-MAR-26, out of holding 12-FEB-26
1206405876 (Non SDG 760687007MSD)	Mercury	Received 19-JAN-26, within holding, analyzed 13-MAR-26, out of holding 12-FEB-26
	Mercury	Received 19-JAN-26, within holding, prepped 12-MAR-26, out of holding 12-FEB-26

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples 1206405875 (Non SDG 760687007MS) and 1206405876 (Non SDG 760687007MSD) in this SDG were diluted 20x due to the tissue/fish matrix. The matrix forms an emulsion that clogs the liquid/air separator membrane causing instrument failure.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2960702

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26

Preparation Batch: 2960701

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718006	LS-SB-04-3.0
1206405973	Method Blank (MB) **Batch 2960702**
1206405974	Laboratory Control Sample (LCS)
1206405975	767779001(NonSDG) Sample Duplicate (DUP)
1206405976	767779001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following sample 1206405974 (LCS) was diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Sample Re-analysis
Samples 1206405974 (LCS) and All were re-analyzed due to instrument failure. The results from the reanalysis are reported.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2962940

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2962939

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206410018	Method Blank (MB) **Batch 2962940**
1206410019	Laboratory Control Sample (LCS)
1206410022	767984004(LS-SB-42-3.0) Sample Duplicate (DUP)

1206410023	767984004(LS-SB-42-3.0) Matrix Spike (MS)
1206410024	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following samples 767718004 (LS-SD-01) and 767718005 (LS-SD-01-DP) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	767718	
	004	005
Hexavalent Chromium	5X	5X

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2959908

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206404312	767718002(LS-SB-04-1.0) Sample Duplicate (DUP) **Batch 2959908**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 767984

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 12, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 767984 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

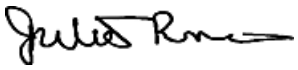
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 767984 GEL Work Order: 767984

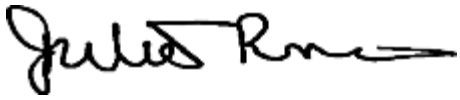
The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
H Analytical holding time was exceeded
J Value is estimated
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031126
Sample ID: 767984001
Matrix: Water
Collect Date: 11-MAR-26 11:00
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/25/26	1755	2967250	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	J	0.690	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	J	0.480	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031126 Project: RVDE00226C
Sample ID: 767984001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.2 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	42.3 ug/L	50.0	85	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.5 ug/L	50.0	95	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-35-1.0
Sample ID: 767984002
Matrix: Soil
Collect Date: 11-MAR-26 11:20
Receive Date: 12-MAR-26
Collector: Client
Moisture: 6.98%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		199	7.94	23.7	ug/kg	110	1	PB1	03/13/26	0758	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3810000	72500	213000	ug/kg	99.2	10	EM2	03/18/26	1404	2960606	2
Antimony	U	ND	3520	21300	ug/kg	99.2	10					
Arsenic	U	ND	5330	32000	ug/kg	99.2	10					
Barium		62100	1070	5330	ug/kg	99.2	10					
Beryllium	U	ND	1070	5330	ug/kg	99.2	10					
Cadmium	J	4620	1070	5330	ug/kg	99.2	10					
Calcium		104000000	85300	267000	ug/kg	99.2	10					
Chromium		408000	1600	10700	ug/kg	99.2	10					
Cobalt		15400	1600	5330	ug/kg	99.2	10					
Copper		233000	3200	21300	ug/kg	99.2	10					
Iron		338000000	85300	267000	ug/kg	99.2	10					
Lead		145000	3520	21300	ug/kg	99.2	10					
Magnesium		12500000	90700	320000	ug/kg	99.2	10					
Manganese		3410000	2130	10700	ug/kg	99.2	10					
Nickel		115000	1600	5330	ug/kg	99.2	10					
Potassium	J	259000	68300	267000	ug/kg	99.2	10					
Selenium	J	20700	5330	32000	ug/kg	99.2	10					
Silver	J	2700	1070	5330	ug/kg	99.2	10					
Sodium	J	157000	74700	267000	ug/kg	99.2	10					
Thallium	U	ND	5330	21300	ug/kg	99.2	10					
Vanadium		92400	1070	5330	ug/kg	99.2	10					
Zinc		2290000	4270	21300	ug/kg	99.2	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	356	ug/kg	0.0331	1	BM1	03/16/26	1516	2961186	3
1,2,4,5-Tetrachlorobenzene	U	ND	107	356	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	107	711	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-35-1.0 Project: RVDE00226C
Sample ID: 767984002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	356	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	107	356	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	10.7	35.6	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	356	ug/kg	0.0331	1					
2-Methylnaphthalene	J	19.2	10.7	35.6	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	107	356	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	107	356	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	107	356	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	142	356	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	107	356	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	107	356	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	107	356	ug/kg	0.0331	1					
Acenaphthene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Acenaphthylene		37.4	10.7	35.6	ug/kg	0.0331	1					
Acetophenone	U	ND	107	356	ug/kg	0.0331	1					
Anthracene		49.4	10.7	35.6	ug/kg	0.0331	1					
Atrazine	U	ND	142	356	ug/kg	0.0331	1					
Benzaldehyde	U	ND	107	356	ug/kg	0.0331	1					
Benzo(a)anthracene		73.6	10.7	35.6	ug/kg	0.0331	1					
Benzo(a)pyrene		106	10.7	35.6	ug/kg	0.0331	1					
Benzo(b)fluoranthene		260	10.7	35.6	ug/kg	0.0331	1					
Benzo(ghi)perylene		198	10.7	35.6	ug/kg	0.0331	1					
Benzo(k)fluoranthene		80.0	10.7	35.6	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Carbazole	J	14.9	10.7	35.6	ug/kg	0.0331	1					
Chrysene		148	10.7	35.6	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	32.0	10.7	35.6	ug/kg	0.0331	1					
Dibenzofuran	U	ND	107	356	ug/kg	0.0331	1					
Diethylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Diphenylamine	U	ND	107	356	ug/kg	0.0331	1					
Fluoranthene		126	10.7	35.6	ug/kg	0.0331	1					
Fluorene	U	ND	10.7	35.6	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-35-1.0 Project: RVDE00226C
Sample ID: 767984002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	356	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	107	356	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	107	356	ug/kg	0.0331	1					
Hexachloroethane	U	ND	107	356	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		182	10.7	35.6	ug/kg	0.0331	1					
Isophorone	U	ND	107	356	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	107	356	ug/kg	0.0331	1					
Naphthalene	J	13.2	10.7	35.6	ug/kg	0.0331	1					
Nitrobenzene	U	ND	107	356	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	107	356	ug/kg	0.0331	1					
Phenanthrene		59.8	10.7	35.6	ug/kg	0.0331	1					
Phenol	U	ND	107	356	ug/kg	0.0331	1					
Pyrene		129	10.7	35.6	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		308	10.7	35.6	ug/kg	0.0331	1					
m,p-Cresols	U	ND	107	356	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	107	356	ug/kg	0.0331	1					
o-Cresol	U	ND	107	356	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	117	356	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	107	356	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.118	0.296	mg/kg	27.6	1	BR2	03/25/26	1242	2962940	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1625	2960605
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-35-1.0	Project:	RVDE00226C
Sample ID:	767984002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1190 ug/kg	1780	67	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	1780	71	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	1780	84	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2880 ug/kg	3560	81	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2590 ug/kg	3560	73	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2530 ug/kg	3560	71	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-1.0
Sample ID: 767984003
Matrix: Soil
Collect Date: 11-MAR-26 12:35
Receive Date: 12-MAR-26
Collector: Client
Moisture: 11.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		456	7.77	23.2	ug/kg	103	1	PB1	03/13/26	0800	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		10400000	66000	194000	ug/kg	86.4	10	EM2	03/18/26	1422	2960606	2
Antimony	J	5660	3200	19400	ug/kg	86.4	10					
Arsenic	J	6570	4860	29100	ug/kg	86.4	10					
Barium		179000	971	4860	ug/kg	86.4	10					
Beryllium	U	ND	971	4860	ug/kg	86.4	10					
Cadmium	J	4510	971	4860	ug/kg	86.4	10					
Calcium		119000000	77700	243000	ug/kg	86.4	10					
Chromium		1180000	1460	9710	ug/kg	86.4	10					
Cobalt		13700	1460	4860	ug/kg	86.4	10					
Copper		360000	2910	19400	ug/kg	86.4	10					
Iron		218000000	77700	243000	ug/kg	86.4	10					
Lead		288000	3200	19400	ug/kg	86.4	10					
Magnesium		30100000	82500	291000	ug/kg	86.4	10					
Nickel		101000	1460	4860	ug/kg	86.4	10					
Potassium	J	214000	62200	243000	ug/kg	86.4	10					
Selenium	J	21200	4860	29100	ug/kg	86.4	10					
Silver	J	4270	971	4860	ug/kg	86.4	10					
Sodium		343000	68000	243000	ug/kg	86.4	10					
Thallium	U	ND	4860	19400	ug/kg	86.4	10					
Vanadium		186000	971	4860	ug/kg	86.4	10					
Zinc		994000	3880	19400	ug/kg	86.4	10					
Manganese		14300000	3880	19400	ug/kg	86.4	20	EM2	03/18/26	1449	2960606	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	111	371	ug/kg	0.0329	1	BM1	03/16/26	1538	2961186	4
1,2,4,5-Tetrachlorobenzene	U	ND	111	371	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	111	371	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	111	371	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	111	371	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	111	371	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	111	371	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	111	741	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-1.0 Project: RVDE00226C
Sample ID: 767984003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	111	371	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	111	371	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.1	37.1	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	111	371	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	111	371	ug/kg	0.0329	1					
2-Methylnaphthalene	J	20.0	11.1	37.1	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	111	371	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	111	371	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	111	371	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	148	371	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	111	371	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	111	371	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	111	371	ug/kg	0.0329	1					
Acenaphthene	U	ND	11.1	37.1	ug/kg	0.0329	1					
Acenaphthylene		71.9	11.1	37.1	ug/kg	0.0329	1					
Acetophenone	U	ND	111	371	ug/kg	0.0329	1					
Anthracene		102	11.1	37.1	ug/kg	0.0329	1					
Atrazine	U	ND	148	371	ug/kg	0.0329	1					
Benzaldehyde	U	ND	111	371	ug/kg	0.0329	1					
Benzo(a)anthracene		302	11.1	37.1	ug/kg	0.0329	1					
Benzo(a)pyrene		316	11.1	37.1	ug/kg	0.0329	1					
Benzo(b)fluoranthene		561	11.1	37.1	ug/kg	0.0329	1					
Benzo(ghi)perylene		350	11.1	37.1	ug/kg	0.0329	1					
Benzo(k)fluoranthene		179	11.1	37.1	ug/kg	0.0329	1					
Butylbenzylphthalate		256	11.1	37.1	ug/kg	0.0329	1					
Carbazole		38.9	11.1	37.1	ug/kg	0.0329	1					
Chrysene		332	11.1	37.1	ug/kg	0.0329	1					
Di-n-butylphthalate	J	27.4	11.1	37.1	ug/kg	0.0329	1					
Di-n-octylphthalate		465	11.1	37.1	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene		73.4	11.1	37.1	ug/kg	0.0329	1					
Dibenzofuran	U	ND	111	371	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.1	37.1	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.1	37.1	ug/kg	0.0329	1					
Diphenylamine	U	ND	111	371	ug/kg	0.0329	1					
Fluoranthene		467	11.1	37.1	ug/kg	0.0329	1					
Fluorene	J	12.2	11.1	37.1	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-1.0 Project: RVDE00226C
Sample ID: 767984003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	111	371	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	111	371	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	111	371	ug/kg	0.0329	1					
Hexachloroethane	U	ND	111	371	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene		326	11.1	37.1	ug/kg	0.0329	1					
Isophorone	U	ND	111	371	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	111	371	ug/kg	0.0329	1					
Naphthalene	J	15.6	11.1	37.1	ug/kg	0.0329	1					
Nitrobenzene	U	ND	111	371	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	111	371	ug/kg	0.0329	1					
Phenanthrene		203	11.1	37.1	ug/kg	0.0329	1					
Phenol	U	ND	111	371	ug/kg	0.0329	1					
Pyrene		446	11.1	37.1	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	111	371	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	111	371	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	111	371	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate		637	11.1	37.1	ug/kg	0.0329	1					
m,p-Cresols	U	ND	111	371	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	111	371	ug/kg	0.0329	1					
o-Cresol	U	ND	111	371	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	122	371	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	111	371	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.556	0.128	0.320	mg/kg	28.5	1	BR2	03/25/26	1242	2962940	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1625	2960605
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-1.0 Project: RVDE00226C
Sample ID: 767984003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1120 ug/kg	1850	61	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1850	62	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1220 ug/kg	1850	66	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2030 ug/kg	3710	55	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2330 ug/kg	3710	63	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2260 ug/kg	3710	61	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-42-3.0	Project:	RVDE00226C
Sample ID:	767984004	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	11-MAR-26 12:40		
Receive Date:	12-MAR-26		
Collector:	Client		
Moisture:	11.6%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		164	8.01	23.9	ug/kg	106	1	PB1	03/13/26	0802	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8440000	65800	193000	ug/kg	85.5	10	EM2	03/18/26	1425	2960606	2
Antimony	J	8800	3190	19300	ug/kg	85.5	10					
Arsenic	J	8770	4840	29000	ug/kg	85.5	10					
Barium		176000	967	4840	ug/kg	85.5	10					
Beryllium	U	ND	967	4840	ug/kg	85.5	10					
Cadmium		12900	967	4840	ug/kg	85.5	10					
Calcium		107000000	77400	242000	ug/kg	85.5	10					
Chromium		982000	1450	9670	ug/kg	85.5	10					
Cobalt		21100	1450	4840	ug/kg	85.5	10					
Copper		436000	2900	19300	ug/kg	85.5	10					
Iron		320000000	77400	242000	ug/kg	85.5	10					
Lead		568000	3190	19300	ug/kg	85.5	10					
Magnesium		32700000	82200	290000	ug/kg	85.5	10					
Nickel		147000	1450	4840	ug/kg	85.5	10					
Potassium	J	159000	61900	242000	ug/kg	85.5	10					
Selenium	J	26100	4840	29000	ug/kg	85.5	10					
Silver	J	4190	967	4840	ug/kg	85.5	10					
Sodium		278000	67700	242000	ug/kg	85.5	10					
Thallium	U	ND	4840	19300	ug/kg	85.5	10					
Vanadium		188000	967	4840	ug/kg	85.5	10					
Zinc		2710000	3870	19300	ug/kg	85.5	10					
Manganese		9000000	3870	19300	ug/kg	85.5	20	EM2	03/18/26	1452	2960606	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	375	ug/kg	0.0331	1	BM1	03/16/26	1600	2961186	4
1,2,4,5-Tetrachlorobenzene	U	ND	112	375	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	375	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	112	375	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	112	375	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	112	375	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	112	375	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	112	750	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-3.0 Project: RVDE00226C
Sample ID: 767984004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	375	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	112	375	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.2	37.5	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	112	375	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	375	ug/kg	0.0331	1					
2-Methylnaphthalene	J	12.0	11.2	37.5	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	112	375	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	112	375	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	112	375	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	150	375	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	112	375	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	112	375	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	112	375	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.2	37.5	ug/kg	0.0331	1					
Acenaphthylene		42.7	11.2	37.5	ug/kg	0.0331	1					
Acetophenone	U	ND	112	375	ug/kg	0.0331	1					
Anthracene		44.2	11.2	37.5	ug/kg	0.0331	1					
Atrazine	U	ND	150	375	ug/kg	0.0331	1					
Benzaldehyde	U	ND	112	375	ug/kg	0.0331	1					
Benzo(a)anthracene		126	11.2	37.5	ug/kg	0.0331	1					
Benzo(a)pyrene		151	11.2	37.5	ug/kg	0.0331	1					
Benzo(b)fluoranthene		296	11.2	37.5	ug/kg	0.0331	1					
Benzo(ghi)perylene		151	11.2	37.5	ug/kg	0.0331	1					
Benzo(k)fluoranthene		88.9	11.2	37.5	ug/kg	0.0331	1					
Butylbenzylphthalate		127	11.2	37.5	ug/kg	0.0331	1					
Carbazole	J	15.7	11.2	37.5	ug/kg	0.0331	1					
Chrysene		151	11.2	37.5	ug/kg	0.0331	1					
Di-n-butylphthalate		40.1	11.2	37.5	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.2	37.5	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	29.6	11.2	37.5	ug/kg	0.0331	1					
Dibenzofuran	U	ND	112	375	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.2	37.5	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.2	37.5	ug/kg	0.0331	1					
Diphenylamine	U	ND	112	375	ug/kg	0.0331	1					
Fluoranthene		183	11.2	37.5	ug/kg	0.0331	1					
Fluorene	U	ND	11.2	37.5	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-3.0 Project: RVDE00226C
Sample ID: 767984004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	375	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	112	375	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	112	375	ug/kg	0.0331	1					
Hexachloroethane	U	ND	112	375	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		158	11.2	37.5	ug/kg	0.0331	1					
Isophorone	U	ND	112	375	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	112	375	ug/kg	0.0331	1					
Naphthalene	U	ND	11.2	37.5	ug/kg	0.0331	1					
Nitrobenzene	U	ND	112	375	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	112	375	ug/kg	0.0331	1					
Phenanthrene		64.1	11.2	37.5	ug/kg	0.0331	1					
Phenol	U	ND	112	375	ug/kg	0.0331	1					
Pyrene		189	11.2	37.5	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	375	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	112	375	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	112	375	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		182	11.2	37.5	ug/kg	0.0331	1					
m,p-Cresols	U	ND	112	375	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	112	375	ug/kg	0.0331	1					
o-Cresol	U	ND	112	375	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	124	375	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	112	375	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.502	0.124	0.310	mg/kg	27.4	1	BR2	03/25/26	1242	2962940	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.277	0.832	ug/kg	0.735	1	JEB	03/24/26	1456	2966465	6
1,1,2,2-Tetrachloroethane	U	ND	0.277	0.832	ug/kg	0.735	1					
1,1,2-Trichloroethane	U	ND	0.277	0.832	ug/kg	0.735	1					
1,1-Dichloroethane	U	ND	0.277	0.832	ug/kg	0.735	1					
1,1-Dichloroethylene	U	ND	0.277	0.832	ug/kg	0.735	1					
1,2,3-Trichlorobenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
1,2,4-Trichlorobenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
1,2-Dibromo-3-chloropropane	U	ND	0.416	0.832	ug/kg	0.735	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-3.0 Project: RVDE00226C
Sample ID: 767984004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.277	0.832	ug/kg	0.735	1					
1,2-Dichlorobenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
1,2-Dichloroethane	U	ND	0.277	0.832	ug/kg	0.735	1					
1,2-Dichloropropane	U	ND	0.277	0.832	ug/kg	0.735	1					
1,3-Dichlorobenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
1,4-Dichlorobenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
1,4-Dioxane	U	ND	13.9	41.6	ug/kg	0.735	1					
2-Butanone	U	ND	1.39	4.16	ug/kg	0.735	1					
2-Hexanone	U	ND	1.39	4.16	ug/kg	0.735	1					
4-Methyl-2-pentanone	U	ND	1.39	4.16	ug/kg	0.735	1					
Acetone		6.12	1.39	4.16	ug/kg	0.735	1					
Benzene	U	ND	0.277	0.832	ug/kg	0.735	1					
Bromochloromethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Bromodichloromethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Bromoform	U	ND	0.277	0.832	ug/kg	0.735	1					
Bromomethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Carbon disulfide	U	ND	1.39	4.16	ug/kg	0.735	1					
Carbon tetrachloride	U	ND	0.277	0.832	ug/kg	0.735	1					
Chlorobenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
Chloroethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Chloroform	U	ND	0.277	0.832	ug/kg	0.735	1					
Chloromethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Cyclohexane	J	0.424	0.277	0.832	ug/kg	0.735	1					
Dibromochloromethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Dichlorodifluoromethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Ethylbenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
Isopropylbenzene	U	ND	0.277	0.832	ug/kg	0.735	1					
Methyl acetate	U	ND	1.39	4.16	ug/kg	0.735	1					
Methylcyclohexane	U	ND	0.277	0.832	ug/kg	0.735	1					
Methylene chloride	U	ND	1.39	4.16	ug/kg	0.735	1					
Styrene	U	ND	0.277	0.832	ug/kg	0.735	1					
Tetrachloroethylene	U	ND	0.277	0.832	ug/kg	0.735	1					
Toluene	J	0.549	0.277	0.832	ug/kg	0.735	1					
Trichloroethylene	U	ND	0.277	0.832	ug/kg	0.735	1					
Trichlorofluoromethane	U	ND	0.277	0.832	ug/kg	0.735	1					
Trichlorotrifluoroethane	U	ND	1.39	4.16	ug/kg	0.735	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-42-3.0 Project: RVDE00226C
Sample ID: 767984004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.277	0.832	ug/kg	0.735	1					
cis-1,2-Dichloroethylene	U	ND	0.277	0.832	ug/kg	0.735	1					
cis-1,3-Dichloropropylene	U	ND	0.277	0.832	ug/kg	0.735	1					
m,p-Xylenes	U	ND	0.555	1.66	ug/kg	0.735	1					
o-Xylene	U	ND	0.277	0.832	ug/kg	0.735	1					
tert-Butyl methyl ether	U	ND	0.277	0.832	ug/kg	0.735	1					
trans-1,2-Dichloroethylene	U	ND	0.277	0.832	ug/kg	0.735	1					
trans-1,3-Dichloropropylene	U	ND	0.277	0.832	ug/kg	0.735	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	JEB	03/11/26	1240	2966464
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1625	2960605
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	1870	56	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1080 ug/kg	1870	58	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1870	70	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1600 ug/kg	3750	43	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2240 ug/kg	3750	60	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2040 ug/kg	3750	54	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	50.3 ug/kg	50.0	121	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	36.9 ug/kg	50.0	89	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-42-3.0	Project:	RVDE00226C
Sample ID:	767984004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		42.0	ug/kg	50.0		101	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-1.0
Sample ID: 767984005
Matrix: Soil
Collect Date: 11-MAR-26 13:20
Receive Date: 12-MAR-26
Collector: Client
Moisture: 9.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		77.9	8.28	24.7	ug/kg	112	1	PB1	03/13/26	0803	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		13800000	64100	189000	ug/kg	85.0	10	EM2	03/18/26	1436	2960606	2
Antimony	U	ND	3110	18900	ug/kg	85.0	10					
Arsenic	U	ND	4710	28300	ug/kg	85.0	10					
Barium		210000	943	4710	ug/kg	85.0	10					
Beryllium	J	1240	943	4710	ug/kg	85.0	10					
Cadmium		16900	943	4710	ug/kg	85.0	10					
Calcium		146000000	75400	236000	ug/kg	85.0	10					
Chromium		1090000	1410	9430	ug/kg	85.0	10					
Cobalt		5180	1410	4710	ug/kg	85.0	10					
Copper		137000	2830	18900	ug/kg	85.0	10					
Iron		124000000	75400	236000	ug/kg	85.0	10					
Lead		854000	3110	18900	ug/kg	85.0	10					
Magnesium		26400000	80100	283000	ug/kg	85.0	10					
Nickel		28400	1410	4710	ug/kg	85.0	10					
Potassium		663000	60300	236000	ug/kg	85.0	10					
Selenium	J	15000	4710	28300	ug/kg	85.0	10					
Silver	J	4120	943	4710	ug/kg	85.0	10					
Sodium		320000	66000	236000	ug/kg	85.0	10					
Thallium	U	ND	4710	18900	ug/kg	85.0	10					
Vanadium		179000	943	4710	ug/kg	85.0	10					
Zinc		4120000	3770	18900	ug/kg	85.0	10					
Manganese		12900000	3770	18900	ug/kg	85.0	20	EM2	03/18/26	1455	2960606	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	109	364	ug/kg	0.0328	1	BM1	03/16/26	1622	2961186	4
1,2,4,5-Tetrachlorobenzene	U	ND	109	364	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	109	364	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	109	364	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	109	364	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	109	364	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	109	364	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	109	728	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-1.0 Project: RVDE00226C
Sample ID: 767984005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	109	364	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	109	364	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	10.9	36.4	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	109	364	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	109	364	ug/kg	0.0328	1					
2-Methylnaphthalene	U	ND	10.9	36.4	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	109	364	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	109	364	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	109	364	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	146	364	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	109	364	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	109	364	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	109	364	ug/kg	0.0328	1					
Acenaphthene	U	ND	10.9	36.4	ug/kg	0.0328	1					
Acenaphthylene		124	10.9	36.4	ug/kg	0.0328	1					
Acetophenone	U	ND	109	364	ug/kg	0.0328	1					
Anthracene		127	10.9	36.4	ug/kg	0.0328	1					
Atrazine	U	ND	146	364	ug/kg	0.0328	1					
Benzaldehyde	U	ND	109	364	ug/kg	0.0328	1					
Benzo(a)anthracene		94.6	10.9	36.4	ug/kg	0.0328	1					
Benzo(a)pyrene		170	10.9	36.4	ug/kg	0.0328	1					
Benzo(b)fluoranthene		408	10.9	36.4	ug/kg	0.0328	1					
Benzo(ghi)perylene		331	10.9	36.4	ug/kg	0.0328	1					
Benzo(k)fluoranthene		122	10.9	36.4	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	10.9	36.4	ug/kg	0.0328	1					
Carbazole		41.5	10.9	36.4	ug/kg	0.0328	1					
Chrysene		171	10.9	36.4	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	10.9	36.4	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	10.9	36.4	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene		56.4	10.9	36.4	ug/kg	0.0328	1					
Dibenzofuran	U	ND	109	364	ug/kg	0.0328	1					
Diethylphthalate	U	ND	10.9	36.4	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	10.9	36.4	ug/kg	0.0328	1					
Diphenylamine	U	ND	109	364	ug/kg	0.0328	1					
Fluoranthene		133	10.9	36.4	ug/kg	0.0328	1					
Fluorene	J	11.6	10.9	36.4	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-1.0 Project: RVDE00226C
Sample ID: 767984005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	109	364	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	109	364	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	109	364	ug/kg	0.0328	1					
Hexachloroethane	U	ND	109	364	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene		310	10.9	36.4	ug/kg	0.0328	1					
Isophorone	U	ND	109	364	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	109	364	ug/kg	0.0328	1					
Naphthalene	U	ND	10.9	36.4	ug/kg	0.0328	1					
Nitrobenzene	U	ND	109	364	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	109	364	ug/kg	0.0328	1					
Phenanthrene	J	27.3	10.9	36.4	ug/kg	0.0328	1					
Phenol	U	ND	109	364	ug/kg	0.0328	1					
Pyrene		162	10.9	36.4	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	109	364	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	109	364	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	109	364	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	J	29.1	10.9	36.4	ug/kg	0.0328	1					
m,p-Cresols	U	ND	109	364	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	109	364	ug/kg	0.0328	1					
o-Cresol	U	ND	109	364	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	120	364	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	109	364	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.225	0.108	0.271	mg/kg	24.4	1	BR2	03/25/26	1242	2962940	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1625	2960605
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-41-1.0	Project:	RVDE00226C
Sample ID:	767984005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	923 ug/kg	1820	51	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	923 ug/kg	1820	51	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	928 ug/kg	1820	51	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	3640	41	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1910 ug/kg	3640	52	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1920 ug/kg	3640	53	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-3.0
Sample ID: 767984006
Matrix: Soil
Collect Date: 11-MAR-26 13:25
Receive Date: 12-MAR-26
Collector: Client
Moisture: 19.5%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		75.0	8.70	26.0	ug/kg	105	1	PB1	03/13/26	0808	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		10900000	7690	22600	ug/kg	91.1	1	EM2	03/18/26	1439	2960606	2
Antimony	U	ND	373	2260	ug/kg	91.1	1					
Arsenic		7670	565	3390	ug/kg	91.1	1					
Barium		18100	113	565	ug/kg	91.1	1					
Beryllium	J	168	113	565	ug/kg	91.1	1					
Cadmium	J	178	113	565	ug/kg	91.1	1					
Calcium		1440000	9050	28300	ug/kg	91.1	1					
Chromium		20400	170	1130	ug/kg	91.1	1					
Cobalt		789	170	565	ug/kg	91.1	1					
Copper		3100	339	2260	ug/kg	91.1	1					
Iron		21200000	9050	28300	ug/kg	91.1	1					
Lead		17500	373	2260	ug/kg	91.1	1					
Magnesium		545000	9610	33900	ug/kg	91.1	1					
Manganese		52000	226	1130	ug/kg	91.1	1					
Nickel		2070	170	565	ug/kg	91.1	1					
Potassium		390000	7240	28300	ug/kg	91.1	1					
Selenium	J	702	565	3390	ug/kg	91.1	1					
Silver	U	ND	113	565	ug/kg	91.1	1					
Sodium		59300	7920	28300	ug/kg	91.1	1					
Thallium	U	ND	565	2260	ug/kg	91.1	1					
Vanadium		37000	113	565	ug/kg	91.1	1					
Zinc		53600	452	2260	ug/kg	91.1	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	124	412	ug/kg	0.0332	1	BM1	03/16/26	1644	2961186	3
1,2,4,5-Tetrachlorobenzene	U	ND	124	412	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	124	412	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	124	412	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	124	412	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	124	412	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	124	412	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	124	824	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-3.0 Project: RVDE00226C
Sample ID: 767984006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	124	412	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	124	412	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	12.4	41.2	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	124	412	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	124	412	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	12.4	41.2	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	124	412	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	124	412	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	124	412	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	165	412	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	124	412	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	124	412	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	124	412	ug/kg	0.0332	1					
Acenaphthene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Acenaphthylene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Acetophenone	U	ND	124	412	ug/kg	0.0332	1					
Anthracene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Atrazine	U	ND	165	412	ug/kg	0.0332	1					
Benzaldehyde	U	ND	124	412	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	12.4	41.2	ug/kg	0.0332	1					
Carbazole	U	ND	12.4	41.2	ug/kg	0.0332	1					
Chrysene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	12.4	41.2	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	12.4	41.2	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Dibenzofuran	U	ND	124	412	ug/kg	0.0332	1					
Diethylphthalate	U	ND	12.4	41.2	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	12.4	41.2	ug/kg	0.0332	1					
Diphenylamine	U	ND	124	412	ug/kg	0.0332	1					
Fluoranthene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Fluorene	U	ND	12.4	41.2	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-3.0 Project: RVDE00226C
Sample ID: 767984006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	124	412	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	124	412	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	124	412	ug/kg	0.0332	1					
Hexachloroethane	U	ND	124	412	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Isophorone	U	ND	124	412	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	124	412	ug/kg	0.0332	1					
Naphthalene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Nitrobenzene	U	ND	124	412	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	124	412	ug/kg	0.0332	1					
Phenanthrene	U	ND	12.4	41.2	ug/kg	0.0332	1					
Phenol	U	ND	124	412	ug/kg	0.0332	1					
Pyrene	U	ND	12.4	41.2	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	124	412	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	124	412	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	124	412	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.4	41.2	ug/kg	0.0332	1					
m,p-Cresols	U	ND	124	412	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	124	412	ug/kg	0.0332	1					
o-Cresol	U	ND	124	412	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	136	412	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	124	412	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.315	0.119	0.298	mg/kg	24.0	1	BR2	03/25/26	1242	2962940	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.304	0.913	ug/kg	0.735	1	JEB	03/24/26	1521	2966465	5
1,1,2,2-Tetrachloroethane	U	ND	0.304	0.913	ug/kg	0.735	1					
1,1,2-Trichloroethane	U	ND	0.304	0.913	ug/kg	0.735	1					
1,1-Dichloroethane	U	ND	0.304	0.913	ug/kg	0.735	1					
1,1-Dichloroethylene	U	ND	0.304	0.913	ug/kg	0.735	1					
1,2,3-Trichlorobenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
1,2,4-Trichlorobenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
1,2-Dibromo-3-chloropropane	U	ND	0.456	0.913	ug/kg	0.735	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-3.0 Project: RVDE00226C
Sample ID: 767984006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.304	0.913	ug/kg	0.735	1					
1,2-Dichlorobenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
1,2-Dichloroethane	U	ND	0.304	0.913	ug/kg	0.735	1					
1,2-Dichloropropane	U	ND	0.304	0.913	ug/kg	0.735	1					
1,3-Dichlorobenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
1,4-Dichlorobenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
1,4-Dioxane	U	ND	15.2	45.6	ug/kg	0.735	1					
2-Butanone	U	ND	1.52	4.56	ug/kg	0.735	1					
2-Hexanone	U	ND	1.52	4.56	ug/kg	0.735	1					
4-Methyl-2-pentanone	U	ND	1.52	4.56	ug/kg	0.735	1					
Acetone		16.6	1.52	4.56	ug/kg	0.735	1					
Benzene	U	ND	0.304	0.913	ug/kg	0.735	1					
Bromochloromethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Bromodichloromethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Bromoform	U	ND	0.304	0.913	ug/kg	0.735	1					
Bromomethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Carbon disulfide	U	ND	1.52	4.56	ug/kg	0.735	1					
Carbon tetrachloride	U	ND	0.304	0.913	ug/kg	0.735	1					
Chlorobenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
Chloroethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Chloroform	U	ND	0.304	0.913	ug/kg	0.735	1					
Chloromethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Cyclohexane	U	ND	0.304	0.913	ug/kg	0.735	1					
Dibromochloromethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Dichlorodifluoromethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Ethylbenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
Isopropylbenzene	U	ND	0.304	0.913	ug/kg	0.735	1					
Methyl acetate	U	ND	1.52	4.56	ug/kg	0.735	1					
Methylcyclohexane	U	ND	0.304	0.913	ug/kg	0.735	1					
Methylene chloride	U	ND	1.52	4.56	ug/kg	0.735	1					
Styrene	U	ND	0.304	0.913	ug/kg	0.735	1					
Tetrachloroethylene	U	ND	0.304	0.913	ug/kg	0.735	1					
Toluene	U	ND	0.304	0.913	ug/kg	0.735	1					
Trichloroethylene	U	ND	0.304	0.913	ug/kg	0.735	1					
Trichlorofluoromethane	U	ND	0.304	0.913	ug/kg	0.735	1					
Trichlorotrifluoroethane	U	ND	1.52	4.56	ug/kg	0.735	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-41-3.0 Project: RVDE00226C
Sample ID: 767984006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.304	0.913	ug/kg	0.735	1					
cis-1,2-Dichloroethylene	U	ND	0.304	0.913	ug/kg	0.735	1					
cis-1,3-Dichloropropylene	U	ND	0.304	0.913	ug/kg	0.735	1					
m,p-Xylenes	U	ND	0.609	1.83	ug/kg	0.735	1					
o-Xylene	U	ND	0.304	0.913	ug/kg	0.735	1					
tert-Butyl methyl ether	U	ND	0.304	0.913	ug/kg	0.735	1					
trans-1,2-Dichloroethylene	U	ND	0.304	0.913	ug/kg	0.735	1					
trans-1,3-Dichloropropylene	U	ND	0.304	0.913	ug/kg	0.735	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1625	2960605
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 5035	5035 Prep	JEB	03/11/26	1325	2966464

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	917 ug/kg	2060	45	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	903 ug/kg	2060	44	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1170 ug/kg	2060	57	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2330 ug/kg	4120	57	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1960 ug/kg	4120	48	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1960 ug/kg	4120	48	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	47.0 ug/kg	50.0	103	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	39.2 ug/kg	50.0	86	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	43.6 ug/kg	50.0	95	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-41-3.0	Project:	RVDE00226C
Sample ID:	767984006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-1.0
Sample ID: 767984007
Matrix: Soil
Collect Date: 11-MAR-26 14:10
Receive Date: 12-MAR-26
Collector: Client
Moisture: 12.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		43.8	9.04	27.0	ug/kg	119	1	PB1	03/13/26	0810	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony		2730	346	2100	ug/kg	92.3	1	EM2	03/18/26	1444	2960606	2
Arsenic		4480	525	3150	ug/kg	92.3	1					
Barium		69900	105	525	ug/kg	92.3	1					
Beryllium	J	227	105	525	ug/kg	92.3	1					
Cadmium		6680	105	525	ug/kg	92.3	1					
Chromium		64500	157	1050	ug/kg	92.3	1					
Cobalt		4260	157	525	ug/kg	92.3	1					
Copper		69400	315	2100	ug/kg	92.3	1					
Iron		34300000	8400	26200	ug/kg	92.3	1					
Lead		312000	346	2100	ug/kg	92.3	1					
Magnesium		5400000	8920	31500	ug/kg	92.3	1					
Nickel		20500	157	525	ug/kg	92.3	1					
Potassium		1120000	6720	26200	ug/kg	92.3	1					
Selenium	J	1810	525	3150	ug/kg	92.3	1					
Sodium		212000	7350	26200	ug/kg	92.3	1					
Thallium	U	ND	525	2100	ug/kg	92.3	1					
Vanadium		41500	105	525	ug/kg	92.3	1					
Aluminum		4770000	35700	105000	ug/kg	92.3	5	EM2	03/18/26	1501	2960606	3
Calcium		129000000	42000	131000	ug/kg	92.3	5					
Manganese		1190000	1050	5250	ug/kg	92.3	5					
Silver	J	966	525	2620	ug/kg	92.3	5					
Zinc		2420000	2100	10500	ug/kg	92.3	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	114	378	ug/kg	0.0333	1	BM1	03/16/26	1707	2961186	4
1,2,4,5-Tetrachlorobenzene	U	ND	114	378	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	114	378	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	114	378	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	114	378	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	114	378	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	114	378	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	114	757	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-1.0 Project: RVDE00226C
Sample ID: 767984007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	114	378	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	114	378	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.4	37.8	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	114	378	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	114	378	ug/kg	0.0333	1					
2-Methylnaphthalene		50.7	11.4	37.8	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	114	378	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	114	378	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	114	378	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	151	378	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	114	378	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	114	378	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	114	378	ug/kg	0.0333	1					
Acenaphthene	J	26.5	11.4	37.8	ug/kg	0.0333	1					
Acenaphthylene		42.4	11.4	37.8	ug/kg	0.0333	1					
Acetophenone	U	ND	114	378	ug/kg	0.0333	1					
Anthracene		171	11.4	37.8	ug/kg	0.0333	1					
Atrazine	U	ND	151	378	ug/kg	0.0333	1					
Benzaldehyde	U	ND	114	378	ug/kg	0.0333	1					
Benzo(a)anthracene		488	11.4	37.8	ug/kg	0.0333	1					
Benzo(a)pyrene		449	11.4	37.8	ug/kg	0.0333	1					
Benzo(b)fluoranthene		575	11.4	37.8	ug/kg	0.0333	1					
Benzo(ghi)perylene		308	11.4	37.8	ug/kg	0.0333	1					
Benzo(k)fluoranthene		199	11.4	37.8	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.4	37.8	ug/kg	0.0333	1					
Carbazole	J	30.7	11.4	37.8	ug/kg	0.0333	1					
Chrysene		497	11.4	37.8	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	11.4	37.8	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	11.4	37.8	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene		65.5	11.4	37.8	ug/kg	0.0333	1					
Dibenzofuran	U	ND	114	378	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.4	37.8	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	11.4	37.8	ug/kg	0.0333	1					
Diphenylamine	U	ND	114	378	ug/kg	0.0333	1					
Fluoranthene		1090	11.4	37.8	ug/kg	0.0333	1					
Fluorene		51.8	11.4	37.8	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-1.0 Project: RVDE00226C
Sample ID: 767984007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	114	378	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	114	378	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	114	378	ug/kg	0.0333	1					
Hexachloroethane	U	ND	114	378	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene		341	11.4	37.8	ug/kg	0.0333	1					
Isophorone	U	ND	114	378	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	114	378	ug/kg	0.0333	1					
Naphthalene		40.9	11.4	37.8	ug/kg	0.0333	1					
Nitrobenzene	U	ND	114	378	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	114	378	ug/kg	0.0333	1					
Phenanthrene		522	11.4	37.8	ug/kg	0.0333	1					
Phenol	U	ND	114	378	ug/kg	0.0333	1					
Pyrene		984	11.4	37.8	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	114	378	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	114	378	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	114	378	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate		48.1	11.4	37.8	ug/kg	0.0333	1					
m,p-Cresols	U	ND	114	378	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	114	378	ug/kg	0.0333	1					
o-Cresol	U	ND	114	378	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	125	378	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	114	378	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.117	0.293	mg/kg	25.7	1	BR2	03/25/26	1242	2962940	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1625	2960605

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-1.0 Project: RVDE00226C
Sample ID: 767984007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	720 ug/kg	1890	38	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	800 ug/kg	1890	42	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	834 ug/kg	1890	44	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1870 ug/kg	3780	49	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1590 ug/kg	3780	42	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1510 ug/kg	3780	40	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-3.0
Sample ID: 767984008
Matrix: Soil
Collect Date: 11-MAR-26 14:15
Receive Date: 12-MAR-26
Collector: Client
Moisture: 12.5%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		68.6	8.09	24.2	ug/kg	106	1	PB1	03/13/26	0812	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3780000	6710	19700	ug/kg	86.4	1	EM2	03/18/26	1446	2960606	2
Antimony	J	1830	326	1970	ug/kg	86.4	1					
Arsenic		3900	494	2960	ug/kg	86.4	1					
Barium		77800	98.7	494	ug/kg	86.4	1					
Beryllium	J	202	98.7	494	ug/kg	86.4	1					
Cadmium		1760	98.7	494	ug/kg	86.4	1					
Calcium		17000000	7900	24700	ug/kg	86.4	1					
Chromium		46700	148	987	ug/kg	86.4	1					
Cobalt		2720	148	494	ug/kg	86.4	1					
Copper		47400	296	1970	ug/kg	86.4	1					
Iron		21200000	7900	24700	ug/kg	86.4	1					
Lead		124000	326	1970	ug/kg	86.4	1					
Magnesium		2540000	8390	29600	ug/kg	86.4	1					
Manganese		860000	197	987	ug/kg	86.4	1					
Nickel		11600	148	494	ug/kg	86.4	1					
Potassium		629000	6320	24700	ug/kg	86.4	1					
Selenium	J	1870	494	2960	ug/kg	86.4	1					
Silver	J	432	98.7	494	ug/kg	86.4	1					
Sodium		110000	6910	24700	ug/kg	86.4	1					
Thallium	U	ND	494	1970	ug/kg	86.4	1					
Vanadium		29100	98.7	494	ug/kg	86.4	1					
Zinc		589000	395	1970	ug/kg	86.4	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	376	ug/kg	0.0329	1	BM1	03/16/26	1729	2961186	3
1,2,4,5-Tetrachlorobenzene	U	ND	113	376	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	376	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	113	376	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	113	376	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	113	376	ug/kg	0.0329	1					
2,4-Dimethylphenol	J	364	113	376	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	113	751	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-3.0 Project: RVDE00226C
Sample ID: 767984008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	376	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	113	376	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.3	37.6	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	113	376	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	376	ug/kg	0.0329	1					
2-Methylnaphthalene		59.0	11.3	37.6	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	113	376	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	113	376	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	113	376	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	150	376	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	113	376	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	113	376	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	113	376	ug/kg	0.0329	1					
Acenaphthene	J	30.4	11.3	37.6	ug/kg	0.0329	1					
Acenaphthylene	J	20.7	11.3	37.6	ug/kg	0.0329	1					
Acetophenone	U	ND	113	376	ug/kg	0.0329	1					
Anthracene	J	27.4	11.3	37.6	ug/kg	0.0329	1					
Atrazine	U	ND	150	376	ug/kg	0.0329	1					
Benzaldehyde	U	ND	113	376	ug/kg	0.0329	1					
Benzo(a)anthracene		60.5	11.3	37.6	ug/kg	0.0329	1					
Benzo(a)pyrene		71.7	11.3	37.6	ug/kg	0.0329	1					
Benzo(b)fluoranthene		125	11.3	37.6	ug/kg	0.0329	1					
Benzo(ghi)perylene		65.7	11.3	37.6	ug/kg	0.0329	1					
Benzo(k)fluoranthene	J	34.2	11.3	37.6	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	11.3	37.6	ug/kg	0.0329	1					
Carbazole	U	ND	11.3	37.6	ug/kg	0.0329	1					
Chrysene		81.5	11.3	37.6	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.3	37.6	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.3	37.6	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	J	15.4	11.3	37.6	ug/kg	0.0329	1					
Dibenzofuran	U	ND	113	376	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.3	37.6	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.3	37.6	ug/kg	0.0329	1					
Diphenylamine	U	ND	113	376	ug/kg	0.0329	1					
Fluoranthene		118	11.3	37.6	ug/kg	0.0329	1					
Fluorene	J	18.0	11.3	37.6	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-3.0 Project: RVDE00226C
Sample ID: 767984008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	376	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	113	376	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	113	376	ug/kg	0.0329	1					
Hexachloroethane	U	ND	113	376	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene		61.6	11.3	37.6	ug/kg	0.0329	1					
Isophorone	U	ND	113	376	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	113	376	ug/kg	0.0329	1					
Naphthalene		45.8	11.3	37.6	ug/kg	0.0329	1					
Nitrobenzene	U	ND	113	376	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	113	376	ug/kg	0.0329	1					
Phenanthrene		82.6	11.3	37.6	ug/kg	0.0329	1					
Phenol	U	ND	113	376	ug/kg	0.0329	1					
Pyrene		124	11.3	37.6	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	376	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	113	376	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	113	376	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	J	33.4	11.3	37.6	ug/kg	0.0329	1					
m,p-Cresols	U	ND	113	376	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	113	376	ug/kg	0.0329	1					
o-Cresol	U	ND	113	376	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	124	376	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	113	376	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.121	0.301	mg/kg	26.4	1	BR2	03/25/26	1242	2962940	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.296	0.890	ug/kg	0.779	1	JEB	03/24/26	1547	2966465	5
1,1,2,2-Tetrachloroethane	U	ND	0.296	0.890	ug/kg	0.779	1					
1,1,2-Trichloroethane	U	ND	0.296	0.890	ug/kg	0.779	1					
1,1-Dichloroethane	U	ND	0.296	0.890	ug/kg	0.779	1					
1,1-Dichloroethylene	U	ND	0.296	0.890	ug/kg	0.779	1					
1,2,3-Trichlorobenzene	U	ND	0.296	0.890	ug/kg	0.779	1					
1,2,4-Trichlorobenzene	U	ND	0.296	0.890	ug/kg	0.779	1					
1,2-Dibromo-3-chloropropane	U	ND	0.445	0.890	ug/kg	0.779	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-3.0 Project: RVDE00226C
Sample ID: 767984008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.296	0.890	ug/kg	0.779	1					
1,2-Dichlorobenzene	U	ND	0.296	0.890	ug/kg	0.779	1					
1,2-Dichloroethane	U	ND	0.296	0.890	ug/kg	0.779	1					
1,2-Dichloropropane	U	ND	0.296	0.890	ug/kg	0.779	1					
1,3-Dichlorobenzene	U	ND	0.296	0.890	ug/kg	0.779	1					
1,4-Dichlorobenzene	U	ND	0.296	0.890	ug/kg	0.779	1					
1,4-Dioxane	U	ND	14.8	44.5	ug/kg	0.779	1					
2-Butanone	J	1.75	1.48	4.45	ug/kg	0.779	1					
2-Hexanone	U	ND	1.48	4.45	ug/kg	0.779	1					
4-Methyl-2-pentanone	U	ND	1.48	4.45	ug/kg	0.779	1					
Acetone		15.8	1.48	4.45	ug/kg	0.779	1					
Benzene	U	ND	0.296	0.890	ug/kg	0.779	1					
Bromochloromethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Bromodichloromethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Bromoform	U	ND	0.296	0.890	ug/kg	0.779	1					
Bromomethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Carbon disulfide		4.46	1.48	4.45	ug/kg	0.779	1					
Carbon tetrachloride	U	ND	0.296	0.890	ug/kg	0.779	1					
Chlorobenzene	U	ND	0.296	0.890	ug/kg	0.779	1					
Chloroethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Chloroform	U	ND	0.296	0.890	ug/kg	0.779	1					
Chloromethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Cyclohexane	J	0.721	0.296	0.890	ug/kg	0.779	1					
Dibromochloromethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Dichlorodifluoromethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Ethylbenzene		2.25	0.296	0.890	ug/kg	0.779	1					
Isopropylbenzene	U	ND	0.296	0.890	ug/kg	0.779	1					
Methyl acetate	U	ND	1.48	4.45	ug/kg	0.779	1					
Methylcyclohexane	J	0.792	0.296	0.890	ug/kg	0.779	1					
Methylene chloride	U	ND	1.48	4.45	ug/kg	0.779	1					
Styrene	U	ND	0.296	0.890	ug/kg	0.779	1					
Tetrachloroethylene	U	ND	0.296	0.890	ug/kg	0.779	1					
Toluene	J	0.694	0.296	0.890	ug/kg	0.779	1					
Trichloroethylene	U	ND	0.296	0.890	ug/kg	0.779	1					
Trichlorofluoromethane	U	ND	0.296	0.890	ug/kg	0.779	1					
Trichlorotrifluoroethane	U	ND	1.48	4.45	ug/kg	0.779	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-07-3.0 Project: RVDE00226C
Sample ID: 767984008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.296	0.890	ug/kg	0.779	1					
cis-1,2-Dichloroethylene	U	ND	0.296	0.890	ug/kg	0.779	1					
cis-1,3-Dichloropropylene	U	ND	0.296	0.890	ug/kg	0.779	1					
m,p-Xylenes		5.01	0.594	1.78	ug/kg	0.779	1					
o-Xylene		1.34	0.296	0.890	ug/kg	0.779	1					
tert-Butyl methyl ether	U	ND	0.296	0.890	ug/kg	0.779	1					
trans-1,2-Dichloroethylene	U	ND	0.296	0.890	ug/kg	0.779	1					
trans-1,3-Dichloropropylene	U	ND	0.296	0.890	ug/kg	0.779	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 5035	5035 Prep	JEB	03/11/26	1415	2966464
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1625	2960605

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	734 ug/kg	1880	39	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	885 ug/kg	1880	47	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1110 ug/kg	1880	59	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2250 ug/kg	3760	60	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1860 ug/kg	3760	50	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1770 ug/kg	3760	47	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	50.6 ug/kg	50.0	114	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	38.1 ug/kg	50.0	86	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	44.7 ug/kg	50.0	100	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-07-3.0	Project:	RVDE00226C
Sample ID:	767984008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2960606											
QC1206405828 LCS											
Aluminum	431000			436000	ug/kg		101	(80%-120%)	EM2	03/18/26	14:02
Antimony	43100			43800	ug/kg		102	(80%-120%)			
Arsenic	43100			46100	ug/kg		107	(80%-120%)			
Barium	43100			44700	ug/kg		104	(80%-120%)			
Beryllium	43100			46100	ug/kg		107	(80%-120%)			
Cadmium	43100			45400	ug/kg		105	(80%-120%)			
Calcium	431000			454000	ug/kg		105	(80%-120%)			
Chromium	43100			45200	ug/kg		105	(80%-120%)			
Cobalt	43100			44600	ug/kg		104	(80%-120%)			
Copper	43100			45100	ug/kg		105	(80%-120%)			
Iron	431000			456000	ug/kg		106	(80%-120%)			
Lead	43100			46400	ug/kg		108	(80%-120%)			

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2960606										
Magnesium	431000			465000	ug/kg		108	(80%-120%)	EM2	03/18/26 14:02
Manganese	43100			44800	ug/kg		104	(80%-120%)		
Nickel	43100			44700	ug/kg		104	(80%-120%)		
Potassium	431000			443000	ug/kg		103	(80%-120%)		
Selenium	43100			45600	ug/kg		106	(80%-120%)		
Silver	8620			9000	ug/kg		104	(80%-120%)		
Sodium	431000			445000	ug/kg		103	(80%-120%)		
Thallium	43100			44900	ug/kg		104	(80%-120%)		
Vanadium	43100			44200	ug/kg		103	(80%-120%)		
Zinc	43100			44700	ug/kg		104	(80%-120%)		
QC1206405827 MB										
Aluminum			U	ND	ug/kg					03/18/26 13:59
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2960606										
Beryllium			U	ND	ug/kg				EM2	03/18/26 13:59
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2960606											
Sodium				U	ND	ug/kg				EM2	03/18/26 13:59
Thallium				U	ND	ug/kg					
Vanadium				U	ND	ug/kg					
Zinc				U	ND	ug/kg					
QC1206405829 767984002 MS											
Aluminum	519000		3810000		4550000	ug/kg		N/A	(75%-125%)		03/18/26 14:07
Antimony	51900	U	ND		48400	ug/kg		93.3	(75%-125%)		
Arsenic	51900	U	ND		55300	ug/kg		98.6	(75%-125%)		
Barium	51900		62100		104000	ug/kg		80.2	(75%-125%)		
Beryllium	51900	U	ND		52700	ug/kg		101	(75%-125%)		
Cadmium	51900	J	4620		62500	ug/kg		111	(75%-125%)		
Calcium	519000		104000000		95500000	ug/kg		N/A	(75%-125%)		
Chromium	51900		408000		378000	ug/kg		N/A	(75%-125%)		
Cobalt	51900		15400		66500	ug/kg		98.5	(75%-125%)		
Copper	51900		233000		285000	ug/kg		N/A	(75%-125%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2960606											
Iron	519000		338000000		335000000	ug/kg		N/A	(75%-125%)	EM2	03/18/26 14:07
Lead	51900		145000		232000	ug/kg		169*	(75%-125%)		
Magnesium	519000		12500000		10400000	ug/kg		N/A	(75%-125%)		
Manganese	51900		3410000		2920000	ug/kg		N/A	(75%-125%)		
Nickel	51900		115000		139000	ug/kg		45.1*	(75%-125%)		
Potassium	519000	J	259000		856000	ug/kg		115	(75%-125%)		
Selenium	51900	J	20700		73500	ug/kg		102	(75%-125%)		
Silver	10400	J	2700		13300	ug/kg		102	(75%-125%)		
Sodium	519000	J	157000		720000	ug/kg		108	(75%-125%)		
Thallium	51900	U	ND		46300	ug/kg		89.2	(75%-125%)		
Vanadium	51900		92400		129000	ug/kg		70.5*	(75%-125%)		
Zinc	51900		2290000		1900000	ug/kg		N/A	(75%-125%)		
QC1206405830 767984002 MSD											
Aluminum	486000		3810000		4540000	ug/kg	0.263	N/A	(0%-20%)		03/18/26 14:10
Antimony	48600	U	ND		44500	ug/kg	8.48	91.5	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2960606												
Arsenic	48600	U	ND		55200	ug/kg	0.194		105	(0%-20%)	EM2	03/18/26 14:10
Barium	48600		62100		106000	ug/kg	1.85		89.6	(0%-20%)		
Beryllium	48600	U	ND		49500	ug/kg	6.36		101	(0%-20%)		
Cadmium	48600	J	4620		51000	ug/kg	20.2	*	95.4	(0%-20%)		
Calcium	486000		104000000		133000000	ug/kg	32.8	*	N/A	(0%-20%)		
Chromium	48600		408000		360000	ug/kg	4.91		N/A	(0%-20%)		
Cobalt	48600		15400		61000	ug/kg	8.55		93.9	(0%-20%)		
Copper	48600		233000		258000	ug/kg	10.1		N/A	(0%-20%)		
Iron	486000		338000000		322000000	ug/kg	4.17		N/A	(0%-20%)		
Lead	48600		145000		240000	ug/kg	3.44		197*	(0%-20%)		
Magnesium	486000		12500000		11000000	ug/kg	5.86		N/A	(0%-20%)		
Manganese	48600		3410000		2690000	ug/kg	7.99		N/A	(0%-20%)		
Nickel	48600		115000		123000	ug/kg	12.3		15*	(0%-20%)		
Potassium	486000	J	259000		846000	ug/kg	1.12		121	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2960606											
Selenium	48600	J	20700		68000	ug/kg	7.84	97.4	(0%-20%)	EM2	03/18/26 14:10
Silver	9720	J	2700		12600	ug/kg	5.45	102	(0%-20%)		
Sodium	486000	J	157000		686000	ug/kg	4.87	109	(0%-20%)		
Thallium	48600	U	ND		40500	ug/kg	13.4	83.3	(0%-20%)		
Vanadium	48600		92400		131000	ug/kg	1.3	78.7	(0%-20%)		
Zinc	48600		2290000		1910000	ug/kg	0.472	N/A	(0%-20%)		
QC1206405831 767984002 PS											
Lead	500		136		653	ug/L		103	(75%-125%)		03/18/26 14:20
Nickel	500		108		609	ug/L		100	(75%-125%)		
Vanadium	500		86.6		609	ug/L		105	(75%-125%)		
QC1206405832 767984002 SDILT											
Aluminum			3570		688	ug/L	3.63		(0%-20%)		03/18/26 14:15
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium			58.2		11.7	ug/L	.292		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2960606										
Cadmium	J	4.33	U	ND	ug/L	N/A		(0%-20%)	EM2	03/18/26 14:15
Calcium		97700		19000	ug/L	2.97		(0%-20%)		
Chromium		382		75.9	ug/L	.782		(0%-20%)		
Cobalt		14.4	J	3.29	ug/L	14.2		(0%-20%)		
Copper		218		42.2	ug/L	3.28		(0%-20%)		
Iron		317000		63700	ug/L	.431		(0%-20%)		
Lead		136		26.9	ug/L	.929		(0%-20%)		
Magnesium		11700		2290	ug/L	2.02		(0%-20%)		
Manganese		3200		643	ug/L	.327		(0%-20%)		
Nickel		108		22.2	ug/L	2.41		(0%-20%)		
Potassium	J	243	U	ND	ug/L	N/A		(0%-20%)		
Selenium	J	19.4	U	ND	ug/L	N/A		(0%-20%)		
Silver	J	2.53	U	ND	ug/L	N/A		(0%-20%)		
Sodium	J	147	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2960606											
Thallium	U		ND	U	ND	ug/L	N/A		(0%-20%)	EM2	03/18/26 14:15
Vanadium			86.6		16.9	ug/L	2.33		(0%-20%)		
Zinc			2150		425	ug/L	1.12		(0%-20%)		
Metals Analysis-Mercury											
Batch 2960527											
QC1206405654 LCS											
Mercury	240				247	ug/kg		103	(80%-120%)	PB1	03/13/26 07:29
QC1206405653 MB											
Mercury				U	ND	ug/kg					03/13/26 07:27
QC1206405875 760687007 MS											
Mercury	232	HhU	ND	Hh	199	ug/kg		86	(80%-120%)		03/13/26 07:32
QC1206405876 760687007 MSD											
Mercury	225	HhU	ND	Hh	196	ug/kg	1.89	87	(0%-20%)		03/13/26 07:34
Semi-Volatile-GC/MS											
Batch 2961186											
QC1206406819 LCS											
1,1'-Biphenyl	1660				1330	ug/kg		80	(47%-110%)	BM1	03/16/26 14:32
1,2,4,5-Tetrachlorobenzene	1660				1330	ug/kg		80	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1360	ug/kg		82	(44%-114%)		
2,4,5-Trichlorophenol	1660				1450	ug/kg		88	(50%-121%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
2,4,6-Trichlorophenol	1660			1410	ug/kg		85	(48%-112%)	BM1	03/16/26 14:32
2,4-Dichlorophenol	1660			1440	ug/kg		87	(47%-112%)		
2,4-Dimethylphenol	1660			984	ug/kg		59	(32%-74%)		
2,4-Dinitrophenol	1660			880	ug/kg		53	(22%-89%)		
2,4-Dinitrotoluene	1660			1600	ug/kg		97	(49%-121%)		
2,6-Dinitrotoluene	1660			1540	ug/kg		93	(47%-118%)		
2-Chloronaphthalene	1660			1360	ug/kg		82	(44%-107%)		
2-Chlorophenol	1660			1380	ug/kg		83	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1110	ug/kg		67	(21%-106%)		
2-Methylnaphthalene	1660			1520	ug/kg		92	(47%-109%)		
2-Nitrophenol	1660			1390	ug/kg		84	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1240	ug/kg		75	(39%-100%)		
4-Bromophenylphenylether	1660			1520	ug/kg		92	(50%-120%)		
4-Chloro-3-methylphenol	1660			1440	ug/kg		87	(50%-114%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
4-Chloroaniline	1660			1280	ug/kg		77	(38%-96%)	BM1	03/16/26 14:32
4-Chlorophenylphenylether	1660			1530	ug/kg		93	(50%-118%)		
4-Nitrophenol	1660			1570	ug/kg		95	(46%-120%)		
Acenaphthene	1660			1400	ug/kg		85	(45%-112%)		
Acenaphthylene	1660			1300	ug/kg		79	(43%-106%)		
Acetophenone	1660			1310	ug/kg		79	(35%-100%)		
Anthracene	1660			1470	ug/kg		89	(50%-115%)		
Atrazine	1660			1620	ug/kg		98	(51%-144%)		
Benzaldehyde	1660		J	146	ug/kg		9*	(21%-89%)		
Benzo(a)anthracene	1660			1420	ug/kg		86	(51%-117%)		
Benzo(a)pyrene	1660			1400	ug/kg		85	(48%-118%)		
Benzo(b)fluoranthene	1660			1500	ug/kg		91	(51%-121%)		
Benzo(ghi)perylene	1660			1560	ug/kg		94	(51%-125%)		
Benzo(k)fluoranthene	1660			1440	ug/kg		87	(50%-124%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Butylbenzylphthalate	1660			1580	ug/kg		95	(51%-133%)	BM1	03/16/26 14:32
Carbazole	1660			1520	ug/kg		92	(53%-119%)		
Chrysene	1660			1380	ug/kg		83	(52%-116%)		
Di-n-butylphthalate	1660			1630	ug/kg		98	(54%-126%)		
Di-n-octylphthalate	1660			1610	ug/kg		97	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1550	ug/kg		94	(48%-120%)		
Dibenzofuran	1660			1440	ug/kg		87	(50%-110%)		
Diethylphthalate	1660			1540	ug/kg		93	(52%-123%)		
Dimethylphthalate	1660			1480	ug/kg		89	(49%-124%)		
Diphenylamine	1660			1470	ug/kg		89	(51%-115%)		
Fluoranthene	1660			1570	ug/kg		95	(52%-121%)		
Fluorene	1660			1450	ug/kg		88	(50%-116%)		
Hexachlorobenzene	1660			1480	ug/kg		90	(48%-117%)		
Hexachlorobutadiene	1660			1320	ug/kg		80	(40%-105%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Hexachlorocyclopentadiene	1660			738	ug/kg		45	(26%-82%)	BM1	03/16/26 14:32
Hexachloroethane	1660			1260	ug/kg		76	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1570	ug/kg		95	(47%-123%)		
Isophorone	1660			1430	ug/kg		87	(37%-120%)		
N-Nitrosodipropylamine	1660			1470	ug/kg		89	(46%-113%)		
Naphthalene	1660			1340	ug/kg		81	(44%-105%)		
Nitrobenzene	1660			1390	ug/kg		84	(44%-106%)		
Pentachlorophenol	1660			1200	ug/kg		72	(36%-111%)		
Phenanthrene	1660			1410	ug/kg		85	(50%-114%)		
Phenol	1660			1510	ug/kg		91	(46%-107%)		
Pyrene	1660			1570	ug/kg		95	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1310	ug/kg		79	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1410	ug/kg		85	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1330	ug/kg		81	(44%-106%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
bis(2-Ethylhexyl)phthalate	1660			1530	ug/kg		92	(50%-134%)	BM1	03/16/26 14:32
m,p-Cresols	1660			1410	ug/kg		85	(46%-106%)		
m-Nitroaniline	1660			1400	ug/kg		85	(41%-108%)		
o-Cresol	1660			1360	ug/kg		82	(45%-105%)		
o-Nitroaniline	1660			1510	ug/kg		91	(48%-117%)		
p-Nitroaniline	1660			1690	ug/kg		102	(49%-119%)		
**2,4,6-Tribromophenol	3310			3100	ug/kg		94	(20%-104%)		
**2-Fluorobiphenyl	1660			1270	ug/kg		77	(20%-93%)		
**2-Fluorophenol	3310			2690	ug/kg		81	(19%-94%)		
**Nitrobenzene-d5	1660			1250	ug/kg		76	(19%-90%)		
**Phenol-d5	3310			2740	ug/kg		83	(20%-99%)		
**p-Terphenyl-d14	1660			1490	ug/kg		90	(24%-107%)		
QC1206406818 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/16/26 14:10
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg				BM1	03/16/26 14:10
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
4-Bromophenylphenylether			U	ND	ug/kg				BM1	03/16/26 14:10
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Benzo(ghi)perylene			U	ND	ug/kg				BM1	03/16/26 14:10
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
Hexachlorobenzene			U	ND	ug/kg				BM1	03/16/26 14:10
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961186										
bis(2-Chloroethoxy)methane			U	ND	ug/kg				BM1	03/16/26 14:10
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3310			2910	ug/kg		88	(20%-104%)		
**2-Fluorobiphenyl	1650			1210	ug/kg		73	(20%-93%)		
**2-Fluorophenol	3310			2520	ug/kg		76	(19%-94%)		
**Nitrobenzene-d5	1650			1220	ug/kg		74	(19%-90%)		
**Phenol-d5	3310			2540	ug/kg		77	(20%-99%)		
**p-Terphenyl-d14	1650			1410	ug/kg		85	(24%-107%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
QC1206406820 767984008 MS											
1,1'-Biphenyl	1870	U	ND		796	ug/kg		42	(16%-112%)	BM1	03/16/26 17:51
1,2,4,5-Tetrachlorobenzene	1870	U	ND		765	ug/kg		41	(16%-106%)		
2,3,4,6-Tetrachlorophenol	1870	U	ND		868	ug/kg		46	(15%-114%)		
2,4,5-Trichlorophenol	1870	U	ND		962	ug/kg		51	(16%-122%)		
2,4,6-Trichlorophenol	1870	U	ND		889	ug/kg		47	(16%-112%)		
2,4-Dichlorophenol	1870	U	ND		820	ug/kg		44	(15%-112%)		
2,4-Dimethylphenol	1870	J	364		869	ug/kg		27	(17%-73%)		
2,4-Dinitrophenol	1870	U	ND	J	402	ug/kg		21	(19%-117%)		
2,4-Dinitrotoluene	1870	U	ND		968	ug/kg		52	(15%-119%)		
2,6-Dinitrotoluene	1870	U	ND		929	ug/kg		50	(14%-119%)		
2-Chloronaphthalene	1870	U	ND		797	ug/kg		43	(15%-108%)		
2-Chlorophenol	1870	U	ND		838	ug/kg		45	(17%-104%)		
2-Methyl-4,6-dinitrophenol	1870	U	ND	J	347	ug/kg		19	(10%-120%)		
2-Methylnaphthalene	1870		59.0		868	ug/kg		43	(16%-108%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
2-Nitrophenol	1870	U	ND		674	ug/kg		36	(14%-107%)	BM1	03/16/26 17:51
3,3'-Dichlorobenzidine	1870	U	ND		896	ug/kg		48	(13%-95%)		
4-Bromophenylphenylether	1870	U	ND		1030	ug/kg		55	(16%-122%)		
4-Chloro-3-methylphenol	1870	U	ND		884	ug/kg		47	(17%-116%)		
4-Chloroaniline	1870	U	ND		735	ug/kg		39	(16%-91%)		
4-Chlorophenylphenylether	1870	U	ND		953	ug/kg		51	(16%-120%)		
4-Nitrophenol	1870	U	ND		1180	ug/kg		63	(14%-122%)		
Acenaphthene	1870	J	30.4		889	ug/kg		46	(15%-114%)		
Acenaphthylene	1870	J	20.7		806	ug/kg		42	(16%-107%)		
Acetophenone	1870	U	ND		779	ug/kg		42	(16%-97%)		
Anthracene	1870	J	27.4		998	ug/kg		52	(16%-119%)		
Atrazine	1870	U	ND		1010	ug/kg		54	(12%-144%)		
Benzaldehyde	1870	U	ND		709	ug/kg		38	(12%-103%)		
Benzo(a)anthracene	1870		60.5		1010	ug/kg		50	(16%-120%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Benzo(a)pyrene	1870		71.7		970	ug/kg		48	(16%-119%)	BM1	03/16/26 17:51
Benzo(b)fluoranthene	1870		125		1080	ug/kg		51	(16%-123%)		
Benzo(ghi)perylene	1870		65.7		1010	ug/kg		50	(15%-127%)		
Benzo(k)fluoranthene	1870	J	34.2		974	ug/kg		50	(16%-126%)		
Butylbenzylphthalate	1870	U	ND		1260	ug/kg		67	(14%-135%)		
Carbazole	1870	U	ND		1030	ug/kg		55	(16%-123%)		
Chrysene	1870		81.5		977	ug/kg		48	(17%-119%)		
Di-n-butylphthalate	1870	U	ND		1120	ug/kg		60	(16%-129%)		
Di-n-octylphthalate	1870	U	ND		1150	ug/kg		61	(16%-134%)		
Dibenzo(a,h)anthracene	1870	J	15.4		987	ug/kg		52	(16%-120%)		
Dibenzofuran	1870	U	ND		904	ug/kg		48	(17%-114%)		
Diethylphthalate	1870	U	ND		986	ug/kg		53	(16%-124%)		
Dimethylphthalate	1870	U	ND		904	ug/kg		48	(16%-123%)		
Diphenylamine	1870	U	ND		1030	ug/kg		55	(18%-116%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Fluoranthene	1870		118		1070	ug/kg		51	(17%-124%)	BM1	03/16/26 17:51
Fluorene	1870	J	18.0		931	ug/kg		49	(16%-119%)		
Hexachlorobenzene	1870	U	ND		939	ug/kg		50	(18%-117%)		
Hexachlorobutadiene	1870	U	ND		635	ug/kg		34	(15%-101%)		
Hexachlorocyclopentadiene	1870	U	ND	U	ND	ug/kg		0*	(16%-60%)		
Hexachloroethane	1870	U	ND		540	ug/kg		29	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1870		61.6		1030	ug/kg		52	(14%-125%)		
Isophorone	1870	U	ND		743	ug/kg		40	(12%-116%)		
N-Nitrosodipropylamine	1870	U	ND		875	ug/kg		47	(14%-113%)		
Naphthalene	1870		45.8		717	ug/kg		36	(15%-105%)		
Nitrobenzene	1870	U	ND		686	ug/kg		37	(15%-105%)		
Pentachlorophenol	1870	U	ND		741	ug/kg		40	(11%-115%)		
Phenanthrene	1870		82.6		1010	ug/kg		49	(15%-120%)		
Phenol	1870	U	ND		950	ug/kg		51	(16%-107%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Pyrene	1870		124		1050	ug/kg		49	(15%-127%)	BM1	03/16/26 17:51
bis(2-Chloro-1-methylethyl)ether	1870	U	ND		724	ug/kg		39	(10%-110%)		
bis(2-Chloroethoxy)methane	1870	U	ND		712	ug/kg		38	(16%-105%)		
bis(2-Chloroethyl) ether	1870	U	ND		733	ug/kg		39	(14%-106%)		
bis(2-Ethylhexyl)phthalate	1870	J	33.4		1220	ug/kg		63	(15%-135%)		
m,p-Cresols	1870	U	ND		951	ug/kg		51	(17%-106%)		
m-Nitroaniline	1870	U	ND		942	ug/kg		50	(15%-103%)		
o-Cresol	1870	U	ND		874	ug/kg		47	(17%-104%)		
o-Nitroaniline	1870	U	ND		968	ug/kg		52	(16%-116%)		
p-Nitroaniline	1870	U	ND		1080	ug/kg		57	(12%-118%)		
**2,4,6-Tribromophenol	3750		2250		2120	ug/kg		57	(20%-104%)		
**2-Fluorobiphenyl	1870		885		782	ug/kg		42	(20%-93%)		
**2-Fluorophenol	3750		1770		1730	ug/kg		46	(19%-94%)		
**Nitrobenzene-d5	1870		734		688	ug/kg		37	(19%-90%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
**Phenol-d5	3750		1860		1830	ug/kg		49	(20%-99%)	BM1	03/16/26 17:51
**p-Terphenyl-d14	1870		1110		945	ug/kg		50	(24%-107%)		
QC1206406821 767984008 MSD											
1,1'-Biphenyl	1880	U	ND		797	ug/kg	0	42	(0%-30%)		03/16/26 18:13
1,2,4,5-Tetrachlorobenzene	1880	U	ND		685	ug/kg	11	36	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1880	U	ND		798	ug/kg	8	42	(0%-30%)		
2,4,5-Trichlorophenol	1880	U	ND		906	ug/kg	6	48	(0%-30%)		
2,4,6-Trichlorophenol	1880	U	ND		871	ug/kg	2	46	(0%-30%)		
2,4-Dichlorophenol	1880	U	ND		804	ug/kg	2	43	(0%-30%)		
2,4-Dimethylphenol	1880	J	364		962	ug/kg	10	32	(0%-30%)		
2,4-Dinitrophenol	1880	U	ND	J	388	ug/kg	3	21	(0%-30%)		
2,4-Dinitrotoluene	1880	U	ND		941	ug/kg	3	50	(0%-30%)		
2,6-Dinitrotoluene	1880	U	ND		930	ug/kg	0	49	(0%-30%)		
2-Chloronaphthalene	1880	U	ND		790	ug/kg	1	42	(0%-30%)		
2-Chlorophenol	1880	U	ND		901	ug/kg	7	48	(0%-30%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
2-Methyl-4,6-dinitrophenol	1880	U	ND	J	339	ug/kg	2	18	(0%-30%)	BM1	03/16/26 18:13
2-Methylnaphthalene	1880		59.0		836	ug/kg	4	41	(0%-30%)		
2-Nitrophenol	1880	U	ND		703	ug/kg	4	37	(0%-30%)		
3,3'-Dichlorobenzidine	1880	U	ND		856	ug/kg	5	46	(0%-30%)		
4-Bromophenylphenylether	1880	U	ND		914	ug/kg	12	49	(0%-30%)		
4-Chloro-3-methylphenol	1880	U	ND		839	ug/kg	5	45	(0%-30%)		
4-Chloroaniline	1880	U	ND		759	ug/kg	3	40	(0%-30%)		
4-Chlorophenylphenylether	1880	U	ND		876	ug/kg	8	47	(0%-30%)		
4-Nitrophenol	1880	U	ND		1120	ug/kg	6	59	(0%-30%)		
Acenaphthene	1880	J	30.4		858	ug/kg	3	44	(0%-30%)		
Acenaphthylene	1880	J	20.7		809	ug/kg	0	42	(0%-30%)		
Acetophenone	1880	U	ND		830	ug/kg	6	44	(0%-30%)		
Anthracene	1880	J	27.4		920	ug/kg	8	48	(0%-30%)		
Atrazine	1880	U	ND		994	ug/kg	1	53	(0%-30%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Benzaldehyde	1880	U	ND		853	ug/kg	18	45	(0%-30%)	BM1	03/16/26 18:13
Benzo(a)anthracene	1880		60.5		898	ug/kg	11	45	(0%-30%)		
Benzo(a)pyrene	1880		71.7		835	ug/kg	15	41	(0%-30%)		
Benzo(b)fluoranthene	1880		125		964	ug/kg	11	45	(0%-30%)		
Benzo(ghi)perylene	1880		65.7		801	ug/kg	23	39	(0%-30%)		
Benzo(k)fluoranthene	1880	J	34.2		850	ug/kg	14	43	(0%-30%)		
Butylbenzylphthalate	1880	U	ND		1100	ug/kg	14	59	(0%-30%)		
Carbazole	1880	U	ND		1010	ug/kg	2	54	(0%-30%)		
Chrysene	1880		81.5		873	ug/kg	11	42	(0%-30%)		
Di-n-butylphthalate	1880	U	ND		1040	ug/kg	7	55	(0%-30%)		
Di-n-octylphthalate	1880	U	ND		919	ug/kg	23	49	(0%-30%)		
Dibenzo(a,h)anthracene	1880	J	15.4		817	ug/kg	19	43	(0%-30%)		
Dibenzofuran	1880	U	ND		884	ug/kg	2	47	(0%-30%)		
Diethylphthalate	1880	U	ND		973	ug/kg	1	52	(0%-30%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961186												
Dimethylphthalate	1880	U	ND		931	ug/kg	3		50	(0%-30%)	BM1	03/16/26 18:13
Diphenylamine	1880	U	ND		965	ug/kg	6		51	(0%-30%)		
Fluoranthene	1880		118		1030	ug/kg	4		48	(0%-30%)		
Fluorene	1880	J	18.0		883	ug/kg	5		46	(0%-30%)		
Hexachlorobenzene	1880	U	ND		665	ug/kg	34	*	35	(0%-30%)		
Hexachlorobutadiene	1880	U	ND		545	ug/kg	15		29	(0%-30%)		
Hexachlorocyclopentadiene	1880	U	ND	U	ND	ug/kg	N/A		0	* (0%-30%)		
Hexachloroethane	1880	U	ND		498	ug/kg	8		26	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1880		61.6		843	ug/kg	20		42	(0%-30%)		
Isophorone	1880	U	ND		760	ug/kg	2		40	(0%-30%)		
N-Nitrosodipropylamine	1880	U	ND		942	ug/kg	7		50	(0%-30%)		
Naphthalene	1880		45.8		722	ug/kg	1		36	(0%-30%)		
Nitrobenzene	1880	U	ND		718	ug/kg	5		38	(0%-30%)		
Pentachlorophenol	1880	U	ND		674	ug/kg	10		36	(0%-30%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
Phenanthrene	1880		82.6		951	ug/kg	6	46	(0%-30%)	BM1	03/16/26 18:13
Phenol	1880	U	ND		1020	ug/kg	7	54	(0%-30%)		
Pyrene	1880		124		1010	ug/kg	3	47	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		747	ug/kg	3	40	(0%-30%)		
bis(2-Chloroethoxy)methane	1880	U	ND		748	ug/kg	5	40	(0%-30%)		
bis(2-Chloroethyl) ether	1880	U	ND		788	ug/kg	7	42	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1880	J	33.4		923	ug/kg	27	47	(0%-30%)		
m,p-Cresols	1880	U	ND		1000	ug/kg	5	53	(0%-30%)		
m-Nitroaniline	1880	U	ND		909	ug/kg	4	48	(0%-30%)		
o-Cresol	1880	U	ND		917	ug/kg	5	49	(0%-30%)		
o-Nitroaniline	1880	U	ND		984	ug/kg	2	52	(0%-30%)		
p-Nitroaniline	1880	U	ND		1070	ug/kg	0	57	(0%-30%)		
**2,4,6-Tribromophenol	3760		2250		1930	ug/kg		51	(20%-104%)		
**2-Fluorobiphenyl	1880		885		791	ug/kg		42	(20%-93%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961186											
**2-Fluorophenol	3760	1770		1880	ug/kg			50	(19%-94%)	BM1	03/16/26 18:13
**Nitrobenzene-d5	1880	734		707	ug/kg			38	(19%-90%)		
**Phenol-d5	3760	1860		1940	ug/kg			51	(20%-99%)		
**p-Terphenyl-d14	1880	1110		866	ug/kg			46	(24%-107%)		
Spectrometric Analysis											
Batch 2962940											
QC1206410022 767984004 DUP											
Hexavalent Chromium		0.502		0.502	mg/kg	0.0205	^		(+/-0.310)	BR2	03/25/26 12:42
QC1206410024 ILCS											
Hexavalent Chromium	6.99			6.93	mg/kg			99.1	(80%-120%)		03/25/26 12:42
QC1206410019 LCS											
Hexavalent Chromium	3.44			3.32	mg/kg			96.5	(80%-120%)		03/25/26 12:42
QC1206410018 MB											
Hexavalent Chromium			U	ND	mg/kg						03/25/26 12:42
QC1206410023 767984004 MS											
Hexavalent Chromium	3.10	0.502		3.31	mg/kg			90.5	(75%-125%)		03/25/26 12:42
Volatile-GC/MS											
Batch 2966465											
QC1206416540 LCS											
1,1,1-Trichloroethane	50.0			45.1	ug/kg			90	(72%-126%)	JEB	03/24/26 09:16
1,1,2,2-Tetrachloroethane	50.0			60.2	ug/kg			120	(69%-120%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
1,1,2-Trichloroethane	50.0			52.2	ug/kg		104	(74%-120%)	JEB	03/24/26 09:16
1,1-Dichloroethane	50.0			49.1	ug/kg		98	(72%-126%)		
1,1-Dichloroethylene	50.0			50.1	ug/kg		100	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			48.6	ug/kg		97	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			48.7	ug/kg		97	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			40.4	ug/kg		81	(60%-135%)		
1,2-Dibromoethane	50.0			50.2	ug/kg		100	(79%-120%)		
1,2-Dichlorobenzene	50.0			48.2	ug/kg		96	(73%-120%)		
1,2-Dichloroethane	50.0			40.1	ug/kg		80	(66%-123%)		
1,2-Dichloropropane	50.0			51.8	ug/kg		104	(72%-120%)		
1,3-Dichlorobenzene	50.0			48.8	ug/kg		98	(72%-120%)		
1,4-Dichlorobenzene	50.0			49.0	ug/kg		98	(72%-120%)		
2-Butanone	250			245	ug/kg		98	(66%-125%)		
2-Hexanone	250			257	ug/kg		103	(64%-131%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
4-Methyl-2-pentanone	250			265	ug/kg		106	(70%-126%)	JEB	03/24/26 09:16
Acetone	250			184	ug/kg		74	(60%-124%)		
Benzene	50.0			48.7	ug/kg		97	(73%-120%)		
Bromochloromethane	50.0			44.4	ug/kg		89	(73%-123%)		
Bromodichloromethane	50.0			49.0	ug/kg		98	(74%-124%)		
Bromoform	50.0			46.2	ug/kg		92	(64%-126%)		
Bromomethane	50.0			39.0	ug/kg		78	(67%-138%)		
Carbon disulfide	250			249	ug/kg		100	(69%-136%)		
Carbon tetrachloride	50.0			45.4	ug/kg		91	(72%-132%)		
Chlorobenzene	50.0			46.9	ug/kg		94	(74%-120%)		
Chloroethane	50.0			48.1	ug/kg		96	(69%-133%)		
Chloroform	50.0			45.2	ug/kg		90	(72%-122%)		
Chloromethane	50.0			38.0	ug/kg		76	(53%-142%)		
Cyclohexane	50.0			52.4	ug/kg		105	(63%-130%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
Dibromochloromethane	50.0			42.2	ug/kg		84	(73%-125%)	JEB	03/24/26 09:16
Dichlorodifluoromethane	50.0			42.3	ug/kg		85	(57%-150%)		
Ethylbenzene	50.0			48.3	ug/kg		97	(72%-120%)		
Isopropylbenzene	50.0			53.4	ug/kg		107	(74%-129%)		
Methyl acetate	250			248	ug/kg		99	(66%-131%)		
Methylcyclohexane	50.0			49.3	ug/kg		99	(71%-127%)		
Methylene chloride	50.0			46.1	ug/kg		92	(71%-124%)		
Styrene	50.0			49.4	ug/kg		99	(70%-123%)		
Tetrachloroethylene	50.0			46.0	ug/kg		92	(68%-126%)		
Toluene	50.0			49.9	ug/kg		100	(73%-120%)		
Trichloroethylene	50.0			47.6	ug/kg		95	(74%-122%)		
Trichlorofluoromethane	50.0			40.8	ug/kg		82	(66%-137%)		
Vinyl chloride	50.0			38.4	ug/kg		77	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			47.4	ug/kg		95	(73%-122%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
cis-1,3-Dichloropropylene	50.0			54.1	ug/kg		108	(74%-123%)	JEB	03/24/26 09:16
m,p-Xylenes	100			96.2	ug/kg		96	(72%-121%)		
o-Xylene	50.0			46.7	ug/kg		93	(73%-120%)		
tert-Butyl methyl ether	50.0			45.9	ug/kg		92	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			49.0	ug/kg		98	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			47.8	ug/kg		96	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			41.8	ug/L		84	(75%-131%)		
**Bromofluorobenzene	50.0			51.8	ug/L		104	(67%-136%)		
**Toluene-d8	50.0			47.3	ug/L		95	(79%-122%)		
QC1206416541 LCS										
1,4-Dioxane	2500			1810	ug/kg		72	(57%-134%)		03/24/26 09:49
Trichlorotrifluoroethane	250			219	ug/kg		88	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			40.4	ug/L		81	(75%-131%)		
**Bromofluorobenzene	50.0			49.1	ug/L		98	(67%-136%)		
**Toluene-d8	50.0			44.6	ug/L		89	(79%-122%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
QC1206416542 MB										
1,1,1-Trichloroethane			U	ND	ug/kg				JEB	03/24/26 11:35
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
1,4-Dioxane			U	ND	ug/kg				JEB	03/24/26 11:35
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
Chloroform			U	ND	ug/kg				JEB	03/24/26 11:35
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
Trichlorofluoromethane			U	ND	ug/kg				JEB	03/24/26 11:35
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			39.5	ug/L		79	(75%-131%)		
**Bromofluorobenzene	50.0			49.4	ug/L		99	(67%-136%)		
**Toluene-d8	50.0			47.1	ug/L		94	(79%-122%)		
QC1206416543 768173001 MS										
1,1,1-Trichloroethane	50.7	U	ND	34.0	ug/kg		67	(41%-133%)		03/24/26 17:28

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966465											
1,1,2,2-Tetrachloroethane	50.7	U	ND		39.9	ug/kg		79	(37%-136%)	JEB	03/24/26 17:28
1,1,2-Trichloroethane	50.7	U	ND		43.1	ug/kg		85	(44%-128%)		
1,1-Dichloroethane	50.7	U	ND		42.9	ug/kg		85	(44%-135%)		
1,1-Dichloroethylene	50.7	U	ND		44.2	ug/kg		87	(40%-147%)		
1,2,3-Trichlorobenzene	50.7	U	ND		3.97	ug/kg		8*	(30%-133%)		
1,2,4-Trichlorobenzene	50.7	U	ND		4.21	ug/kg		8*	(29%-139%)		
1,2-Dibromo-3-chloropropane	50.7	U	ND		22.7	ug/kg		45	(30%-142%)		
1,2-Dibromoethane	50.7	U	ND		39.9	ug/kg		79	(45%-133%)		
1,2-Dichlorobenzene	50.7	U	ND		12.6	ug/kg		25	(24%-133%)		
1,2-Dichloroethane	50.7	U	ND		35.0	ug/kg		69	(43%-129%)		
1,2-Dichloropropane	50.7	U	ND		42.9	ug/kg		85	(44%-128%)		
1,3-Dichlorobenzene	50.7	U	ND		12.6	ug/kg		25	(24%-132%)		
1,4-Dichlorobenzene	50.7	U	ND		13.0	ug/kg		26	(24%-132%)		
2-Butanone	253	U	ND		215	ug/kg		85	(43%-134%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966465											
2-Hexanone	253	U	ND		153	ug/kg		61	(34%-142%)	JEB	03/24/26 17:28
4-Methyl-2-pentanone	253	U	ND		225	ug/kg		89	(44%-137%)		
Acetone	253	U	ND		185	ug/kg		73	(37%-134%)		
Benzene	50.7	U	ND		39.2	ug/kg		77	(43%-127%)		
Bromochloromethane	50.7	U	ND		39.0	ug/kg		77	(45%-132%)		
Bromodichloromethane	50.7	U	ND		39.4	ug/kg		78	(44%-130%)		
Bromoform	50.7	U	ND		28.1	ug/kg		55	(34%-131%)		
Bromomethane	50.7	U	ND		33.3	ug/kg		66	(15%-150%)		
Carbon disulfide	253	U	ND		206	ug/kg		81	(39%-145%)		
Carbon tetrachloride	50.7	U	ND		30.7	ug/kg		61	(40%-137%)		
Chlorobenzene	50.7	U	ND		26.5	ug/kg		52	(35%-128%)		
Chloroethane	50.7	U	ND		50.3	ug/kg		99	(35%-142%)		
Chloroform	50.7	U	ND		37.6	ug/kg		74	(44%-129%)		
Chloromethane	50.7	U	ND		37.0	ug/kg		73	(32%-150%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966465											
Cyclohexane	50.7	U	ND		26.0	ug/kg		51	(30%-136%)	JEB	03/24/26 17:28
Dibromochloromethane	50.7	U	ND		31.2	ug/kg		62	(42%-130%)		
Dichlorodifluoromethane	50.7	U	ND		40.1	ug/kg		79	(31%-159%)		
Ethylbenzene	50.7	U	ND		25.4	ug/kg		50	(33%-131%)		
Isopropylbenzene	50.7	U	ND		21.1	ug/kg		42	(27%-147%)		
Methyl acetate	253	U	ND		201	ug/kg		79	(42%-154%)		
Methylcyclohexane	50.7	U	ND		14.1	ug/kg		28	(27%-137%)		
Methylene chloride	50.7	U	ND		41.8	ug/kg		83	(43%-136%)		
Styrene	50.7	U	ND		22.9	ug/kg		45	(29%-133%)		
Tetrachloroethylene	50.7	U	ND		22.4	ug/kg		44	(31%-134%)		
Toluene	50.7	U	ND		34.0	ug/kg		67	(35%-132%)		
Trichloroethylene	50.7	U	ND		33.5	ug/kg		66	(39%-133%)		
Trichlorofluoromethane	50.7	U	ND		33.1	ug/kg		65	(39%-140%)		
Vinyl chloride	50.7	U	ND		37.8	ug/kg		75	(32%-146%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966465											
cis-1,2-Dichloroethylene	50.7	U	ND		39.4	ug/kg		78	(43%-131%)	JEB	03/24/26 17:28
cis-1,3-Dichloropropylene	50.7	U	ND		33.6	ug/kg		66	(38%-131%)		
m,p-Xylenes	101	U	ND		47.6	ug/kg		47	(32%-131%)		
o-Xylene	50.7	U	ND		24.4	ug/kg		48	(33%-131%)		
tert-Butyl methyl ether	50.7	U	ND		42.3	ug/kg		84	(46%-128%)		
trans-1,2-Dichloroethylene	50.7	U	ND		41.6	ug/kg		82	(41%-135%)		
trans-1,3-Dichloropropylene	50.7	U	ND		31.6	ug/kg		62	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		43.1		42.4	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0		49.2		49.9	ug/L		100	(67%-136%)		
**Toluene-d8	50.0		47.0		47.1	ug/L		94	(79%-122%)		
QC1206416623 768173001 MS											
1,4-Dioxane	2480	U	ND		1650	ug/kg		66	(40%-142%)		03/24/26 18:18
Trichlorotrifluoroethane	248	U	ND		129	ug/kg		52	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		43.1		43.0	ug/L		86	(75%-131%)		
**Bromofluorobenzene	50.0		49.2		51.2	ug/L		102	(67%-136%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966465											
**Toluene-d8	50.0		47.0		46.9	ug/L		94	(79%-122%)	JEB	03/24/26 18:18
QC1206416544 768173001 MSD											
1,1,1-Trichloroethane	50.1	U	ND		37.3	ug/kg	9	75	(0%-20%)		03/24/26 17:53
1,1,2,2-Tetrachloroethane	50.1	U	ND		47.0	ug/kg	16	94	(0%-20%)		
1,1,2-Trichloroethane	50.1	U	ND		46.9	ug/kg	8	94	(0%-20%)		
1,1-Dichloroethane	50.1	U	ND		46.1	ug/kg	7	92	(0%-20%)		
1,1-Dichloroethylene	50.1	U	ND		48.1	ug/kg	9	96	(0%-20%)		
1,2,3-Trichlorobenzene	50.1	U	ND		3.48	ug/kg	13	7*	(0%-20%)		
1,2,4-Trichlorobenzene	50.1	U	ND		3.58	ug/kg	16	7*	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.1	U	ND		27.2	ug/kg	18	54	(0%-20%)		
1,2-Dibromoethane	50.1	U	ND		44.4	ug/kg	11	89	(0%-20%)		
1,2-Dichlorobenzene	50.1	U	ND		14.7	ug/kg	15	29	(0%-20%)		
1,2-Dichloroethane	50.1	U	ND		37.4	ug/kg	7	75	(0%-20%)		
1,2-Dichloropropane	50.1	U	ND		46.5	ug/kg	8	93	(0%-20%)		
1,3-Dichlorobenzene	50.1	U	ND		13.9	ug/kg	10	28	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966465											
1,4-Dichlorobenzene	50.1	U	ND		14.7	ug/kg	12	29	(0%-20%)	JEB	03/24/26 17:53
2-Butanone	250	U	ND		226	ug/kg	5	90	(0%-20%)		
2-Hexanone	250	U	ND		175	ug/kg	13	70	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		242	ug/kg	7	97	(0%-20%)		
Acetone	250	U	ND		180	ug/kg	2	72	(0%-20%)		
Benzene	50.1	U	ND		43.3	ug/kg	10	86	(0%-20%)		
Bromochloromethane	50.1	U	ND		41.5	ug/kg	6	83	(0%-20%)		
Bromodichloromethane	50.1	U	ND		43.6	ug/kg	10	87	(0%-20%)		
Bromoform	50.1	U	ND		34.1	ug/kg	19	68	(0%-20%)		
Bromomethane	50.1	U	ND		38.4	ug/kg	14	77	(0%-20%)		
Carbon disulfide	250	U	ND		226	ug/kg	9	90	(0%-20%)		
Carbon tetrachloride	50.1	U	ND		34.2	ug/kg	11	68	(0%-20%)		
Chlorobenzene	50.1	U	ND		30.7	ug/kg	15	61	(0%-20%)		
Chloroethane	50.1	U	ND		53.6	ug/kg	6	107	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS												
Batch 2966465												
Chloroform	50.1	U	ND		40.6	ug/kg	8		81	(0%-20%)	JEB	03/24/26 17:53
Chloromethane	50.1	U	ND		40.1	ug/kg	8		80	(0%-20%)		
Cyclohexane	50.1	U	ND		26.9	ug/kg	3		54	(0%-20%)		
Dibromochloromethane	50.1	U	ND		35.3	ug/kg	12		70	(0%-20%)		
Dichlorodifluoromethane	50.1	U	ND		45.5	ug/kg	12		91	(0%-20%)		
Ethylbenzene	50.1	U	ND		28.4	ug/kg	11		57	(0%-20%)		
Isopropylbenzene	50.1	U	ND		22.0	ug/kg	5		44	(0%-20%)		
Methyl acetate	250	U	ND		254	ug/kg	24	*	102	(0%-20%)		
Methylcyclohexane	50.1	U	ND		10.5	ug/kg	29	*	21*	(0%-20%)		
Methylene chloride	50.1	U	ND		44.2	ug/kg	6		88	(0%-20%)		
Styrene	50.1	U	ND		27.1	ug/kg	17		54	(0%-20%)		
Tetrachloroethylene	50.1	U	ND		24.3	ug/kg	8		48	(0%-20%)		
Toluene	50.1	U	ND		38.4	ug/kg	12		77	(0%-20%)		
Trichloroethylene	50.1	U	ND		37.4	ug/kg	11		75	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966465											
Trichlorofluoromethane	50.1	U	ND		37.1	ug/kg	11	74	(0%-20%)	JEB	03/24/26 17:53
Vinyl chloride	50.1	U	ND		41.3	ug/kg	9	82	(0%-20%)		
cis-1,2-Dichloroethylene	50.1	U	ND		42.0	ug/kg	7	84	(0%-20%)		
cis-1,3-Dichloropropylene	50.1	U	ND		39.5	ug/kg	16	79	(0%-20%)		
m,p-Xylenes	100	U	ND		53.8	ug/kg	12	54	(0%-20%)		
o-Xylene	50.1	U	ND		28.0	ug/kg	14	56	(0%-20%)		
tert-Butyl methyl ether	50.1	U	ND		43.9	ug/kg	4	88	(0%-20%)		
trans-1,2-Dichloroethylene	50.1	U	ND		44.8	ug/kg	7	89	(0%-20%)		
trans-1,3-Dichloropropylene	50.1	U	ND		35.7	ug/kg	12	71	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		43.1		43.0	ug/L		86	(75%-131%)		
**Bromofluorobenzene	50.0		49.2		51.1	ug/L		102	(67%-136%)		
**Toluene-d8	50.0		47.0		47.0	ug/L		94	(79%-122%)		
QC1206416624 768173001 MSD											
1,4-Dioxane	2420	U	ND		1670	ug/kg	1	69	(0%-20%)		03/24/26 18:43
Trichlorotrifluoroethane	242	U	ND		116	ug/kg	11	48	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966465										
**1,2-Dichloroethane-d4	50.0	43.1		42.1	ug/L		84	(75%-131%)	JEB	03/24/26 18:43
**Bromofluorobenzene	50.0	49.2		51.1	ug/L		102	(67%-136%)		
**Toluene-d8	50.0	47.0		46.3	ug/L		93	(79%-122%)		
Batch 2967250										
QC1206417827 LCS										
1,1,1-Trichloroethane	50.0			38.2	ug/L		76	(70%-130%)	JEB	03/25/26 07:27
1,1,2,2-Tetrachloroethane	50.0			63.2	ug/L		126	(70%-130%)		
1,1,2-Trichloroethane	50.0			53.0	ug/L		106	(70%-130%)		
1,1-Dichloroethane	50.0			45.0	ug/L		90	(70%-130%)		
1,1-Dichloroethylene	50.0			46.4	ug/L		93	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			44.9	ug/L		90	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			44.2	ug/L		88	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			46.3	ug/L		93	(70%-130%)		
1,2-Dibromoethane	50.0			53.3	ug/L		107	(70%-130%)		
1,2-Dichlorobenzene	50.0			43.7	ug/L		87	(70%-130%)		
1,2-Dichloroethane	50.0			40.6	ug/L		81	(70%-130%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dichloropropane	50.0			48.7	ug/L		97	(70%-130%)	JEB	03/25/26 07:27
1,3-Dichlorobenzene	50.0			42.9	ug/L		86	(70%-130%)		
1,4-Dichlorobenzene	50.0			43.2	ug/L		86	(70%-130%)		
2-Butanone	250			312	ug/L		125	(70%-130%)		
2-Hexanone	250			315	ug/L		126	(70%-130%)		
4-Methyl-2-pentanone	250			319	ug/L		128	(70%-130%)		
Acetone	250			265	ug/L		106	(70%-130%)		
Benzene	50.0			44.1	ug/L		88	(70%-130%)		
Bromochloromethane	50.0			43.7	ug/L		87	(70%-130%)		
Bromodichloromethane	50.0			47.3	ug/L		95	(70%-130%)		
Bromoform	50.0			45.2	ug/L		90	(70%-130%)		
Bromomethane	50.0			45.1	ug/L		90	(70%-130%)		
Carbon disulfide	250			227	ug/L		91	(70%-130%)		
Carbon tetrachloride	50.0			38.4	ug/L		77	(70%-130%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Chlorobenzene	50.0			41.8	ug/L		84	(70%-130%)	JEB	03/25/26 07:27
Chloroethane	50.0			55.3	ug/L		111	(70%-130%)		
Chloroform	50.0			41.3	ug/L		83	(70%-130%)		
Chloromethane	50.0			42.0	ug/L		84	(70%-130%)		
Cyclohexane	50.0			46.6	ug/L		93	(70%-130%)		
Dibromochloromethane	50.0			41.7	ug/L		83	(70%-130%)		
Dichlorodifluoromethane	50.0			51.6	ug/L		103	(70%-130%)		
Ethylbenzene	50.0			41.6	ug/L		83	(70%-130%)		
Isopropylbenzene	50.0			47.9	ug/L		96	(70%-130%)		
Methyl acetate	250			313	ug/L		125	(70%-130%)		
Methylcyclohexane	50.0			44.1	ug/L		88	(70%-130%)		
Methylene chloride	50.0			43.7	ug/L		87	(70%-130%)		
Styrene	50.0			44.8	ug/L		90	(70%-130%)		
Tetrachloroethylene	50.0			38.7	ug/L		77	(70%-130%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Toluene	50.0			43.0	ug/L		86	(70%-130%)	JEB	03/25/26 07:27
Trichloroethylene	50.0			41.3	ug/L		83	(70%-130%)		
Trichlorofluoromethane	50.0			41.0	ug/L		82	(70%-130%)		
Vinyl chloride	50.0			41.0	ug/L		82	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			43.4	ug/L		87	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			51.9	ug/L		104	(70%-130%)		
m,p-Xylenes	100			83.2	ug/L		83	(70%-130%)		
o-Xylene	50.0			42.1	ug/L		84	(70%-130%)		
tert-Butyl methyl ether	50.0			49.4	ug/L		99	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			44.1	ug/L		88	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			47.7	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			43.1	ug/L		86	(71%-131%)		
**Bromofluorobenzene	50.0			50.8	ug/L		102	(77%-123%)		
**Toluene-d8	50.0			47.0	ug/L		94	(77%-121%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
QC1206417828 LCS										
1,4-Dioxane	2500			1710	ug/L		69*	(70%-130%)	JEB	03/25/26 08:17
Trichlorotrifluoroethane	250			217	ug/L		87	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			41.9	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0			53.1	ug/L		106	(77%-123%)		
**Toluene-d8	50.0			47.9	ug/L		96	(77%-121%)		
QC1206419148 LCS										
1,1,1-Trichloroethane	50.0			49.2	ug/L		98	(70%-130%)		03/26/26 07:26
1,1,2,2-Tetrachloroethane	50.0			66.7	ug/L		133*	(70%-130%)		
1,1,2-Trichloroethane	50.0			60.0	ug/L		120	(70%-130%)		
1,1-Dichloroethane	50.0			55.9	ug/L		112	(70%-130%)		
1,1-Dichloroethylene	50.0			59.9	ug/L		120	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			41.4	ug/L		83	(70%-130%)		
1,2-Dibromoethane	50.0			57.9	ug/L		116	(70%-130%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dichlorobenzene	50.0			51.4	ug/L		103	(70%-130%)	JEB	03/26/26 07:26
1,2-Dichloroethane	50.0			45.8	ug/L		92	(70%-130%)		
1,2-Dichloropropane	50.0			59.7	ug/L		119	(70%-130%)		
1,3-Dichlorobenzene	50.0			52.7	ug/L		105	(70%-130%)		
1,4-Dichlorobenzene	50.0			52.3	ug/L		105	(70%-130%)		
2-Butanone	250			280	ug/L		112	(70%-130%)		
2-Hexanone	250			298	ug/L		119	(70%-130%)		
4-Methyl-2-pentanone	250			311	ug/L		125	(70%-130%)		
Acetone	250			207	ug/L		83	(70%-130%)		
Benzene	50.0			54.9	ug/L		110	(70%-130%)		
Bromochloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Bromodichloromethane	50.0			56.4	ug/L		113	(70%-130%)		
Bromoform	50.0			49.2	ug/L		98	(70%-130%)		
Bromomethane	50.0			45.0	ug/L		90	(70%-130%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Carbon disulfide	250			289	ug/L		116	(70%-130%)	JEB	03/26/26 07:26
Carbon tetrachloride	50.0			50.0	ug/L		100	(70%-130%)		
Chlorobenzene	50.0			51.7	ug/L		103	(70%-130%)		
Chloroethane	50.0			58.1	ug/L		116	(70%-130%)		
Chloroform	50.0			50.2	ug/L		100	(70%-130%)		
Chloromethane	50.0			44.4	ug/L		89	(70%-130%)		
Cyclohexane	50.0			60.7	ug/L		121	(70%-130%)		
Dibromochloromethane	50.0			47.4	ug/L		95	(70%-130%)		
Dichlorodifluoromethane	50.0			53.9	ug/L		108	(70%-130%)		
Ethylbenzene	50.0			53.6	ug/L		107	(70%-130%)		
Isopropylbenzene	50.0			62.3	ug/L		125	(70%-130%)		
Methyl acetate	250			288	ug/L		115	(70%-130%)		
Methylcyclohexane	50.0			55.9	ug/L		112	(70%-130%)		
Methylene chloride	50.0			51.4	ug/L		103	(70%-130%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Styrene	50.0			55.4	ug/L		111	(70%-130%)	JEB	03/26/26 07:26
Tetrachloroethylene	50.0			49.7	ug/L		99	(70%-130%)		
Toluene	50.0			54.9	ug/L		110	(70%-130%)		
Trichloroethylene	50.0			52.3	ug/L		105	(70%-130%)		
Trichlorofluoromethane	50.0			43.4	ug/L		87	(70%-130%)		
Vinyl chloride	50.0			44.8	ug/L		90	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			53.1	ug/L		106	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			61.7	ug/L		123	(70%-130%)		
m,p-Xylenes	100			107	ug/L		107	(70%-130%)		
o-Xylene	50.0			52.6	ug/L		105	(70%-130%)		
tert-Butyl methyl ether	50.0			52.6	ug/L		105	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			55.4	ug/L		111	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			54.9	ug/L		110	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			42.7	ug/L		85	(71%-131%)		

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
**Bromofluorobenzene	50.0			53.5	ug/L		107	(77%-123%)	JEB	03/26/26 07:26
**Toluene-d8	50.0			48.3	ug/L		97	(77%-121%)		
QC1206419149 LCS										
1,4-Dioxane	2500			1490	ug/L		60*	(70%-130%)		03/26/26 08:17
Trichlorotrifluoroethane	250			199	ug/L		80	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			41.9	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0			52.6	ug/L		105	(77%-123%)		
**Toluene-d8	50.0			46.8	ug/L		94	(77%-121%)		
QC1206417829 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/25/26 09:58
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dibromo-3-chloropropane			U	ND	ug/L				JEB	03/25/26 09:58
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Bromodichloromethane			U	ND	ug/L				JEB	03/25/26 09:58
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Methyl acetate			U	ND	ug/L				JEB	03/25/26 09:58
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
tert-Butyl methyl ether			U	ND	ug/L				JEB	03/25/26 09:58
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			41.2	ug/L		82	(71%-131%)		
**Bromofluorobenzene	50.0			48.6	ug/L		97	(77%-123%)		
**Toluene-d8	50.0			46.7	ug/L		93	(77%-121%)		
QC1206419150 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/26/26 09:08
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dibromoethane			U	ND	ug/L				JEB	03/26/26 09:08
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Bromoform			U	ND	ug/L				JEB	03/26/26 09:08
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Methylcyclohexane			U	ND	ug/L				JEB	03/26/26 09:08
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
trans-1,2-Dichloroethylene				U	ND	ug/L				JEB	03/26/26 09:08
trans-1,3-Dichloropropylene				U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0				41.1	ug/L		82	(71%-131%)		
**Bromofluorobenzene	50.0				48.1	ug/L		96	(77%-123%)		
**Toluene-d8	50.0				47.6	ug/L		95	(77%-121%)		
QC1206417830 769194001 MS											
1,1,1-Trichloroethane	50.0	U	ND		41.3	ug/L		83	(60%-123%)		03/26/26 12:30
1,1,2,2-Tetrachloroethane	50.0	U	ND		59.2	ug/L		118	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		52.9	ug/L		106	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		50.9	ug/L		102	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		40.1	ug/L		80	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		39.0	ug/L		78	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		38.6	ug/L		77	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		51.7	ug/L		103	(66%-125%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
1,2-Dichlorobenzene	50.0	U	ND		43.4	ug/L		87	(58%-123%)	JEB	03/26/26	12:30
1,2-Dichloroethane	50.0	U	ND		40.7	ug/L		81	(58%-130%)			
1,2-Dichloropropane	50.0	U	ND		51.9	ug/L		104	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		43.2	ug/L		86	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		43.1	ug/L		86	(54%-123%)			
2-Butanone	250	U	ND		268	ug/L		107	(59%-136%)			
2-Hexanone	250	U	ND		302	ug/L		121	(58%-145%)			
4-Methyl-2-pentanone	250	U	ND		299	ug/L		120	(63%-135%)			
Acetone	250	U	ND		195	ug/L		78	(50%-140%)			
Benzene	50.0	U	ND		47.3	ug/L		95	(64%-119%)			
Bromochloromethane	50.0	U	ND		43.2	ug/L		86	(63%-130%)			
Bromodichloromethane	50.0	U	ND		48.6	ug/L		97	(65%-125%)			
Bromoform	50.0	U	ND		41.9	ug/L		84	(49%-129%)			
Bromomethane	50.0	U	ND		41.2	ug/L		82	(55%-154%)			

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
Carbon disulfide	250	U	ND		244	ug/L		98	(60%-139%)	JEB	03/26/26 12:30
Carbon tetrachloride	50.0	U	ND		41.9	ug/L		84	(60%-127%)		
Chlorobenzene	50.0	U	ND		44.2	ug/L		88	(61%-120%)		
Chloroethane	50.0	U	ND		53.4	ug/L		107	(60%-138%)		
Chloroform	50.0	U	ND		43.8	ug/L		88	(64%-122%)		
Chloromethane	50.0	U	ND		37.9	ug/L		76	(43%-161%)		
Cyclohexane	50.0	U	ND		51.2	ug/L		102	(51%-125%)		
Dibromochloromethane	50.0	U	ND		41.3	ug/L		83	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		43.9	ug/L		88	(37%-162%)		
Ethylbenzene	50.0	U	ND		45.2	ug/L		90	(57%-122%)		
Isopropylbenzene	50.0	U	ND		51.0	ug/L		102	(53%-128%)		
Methyl acetate	250	U	ND		265	ug/L		106	(58%-145%)		
Methylcyclohexane	50.0	U	ND		47.5	ug/L		95	(58%-122%)		
Methylene chloride	50.0	U	ND		44.1	ug/L		88	(61%-135%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Styrene	50.0	U	ND		47.5	ug/L		95	(55%-125%)	JEB	03/26/26	12:30
Tetrachloroethylene	50.0	U	ND		41.5	ug/L		83	(53%-124%)			
Toluene	50.0	U	ND		47.0	ug/L		94	(60%-120%)			
Trichloroethylene	50.0	U	ND		44.9	ug/L		90	(59%-126%)			
Trichlorofluoromethane	50.0	U	ND		39.4	ug/L		79	(51%-134%)			
Vinyl chloride	50.0	U	ND		39.4	ug/L		79	(42%-155%)			
cis-1,2-Dichloroethylene	50.0	U	ND		45.4	ug/L		91	(65%-124%)			
cis-1,3-Dichloropropylene	50.0	U	ND		52.0	ug/L		104	(61%-123%)			
m,p-Xylenes	100	U	ND		89.9	ug/L		90	(58%-122%)			
o-Xylene	50.0	U	ND		45.2	ug/L		90	(59%-123%)			
tert-Butyl methyl ether	50.0	U	ND		44.3	ug/L		89	(60%-124%)			
trans-1,2-Dichloroethylene	50.0	U	ND		47.5	ug/L		95	(64%-127%)			
trans-1,3-Dichloropropylene	50.0	U	ND		45.7	ug/L		91	(62%-127%)			
**1,2-Dichloroethane-d4	50.0		43.4		43.1	ug/L		86	(71%-131%)			

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
**Bromofluorobenzene	50.0		48.1		50.9	ug/L		102	(77%-123%)	JEB	03/26/26 12:30
**Toluene-d8	50.0		46.8		47.6	ug/L		95	(77%-121%)		
QC1206417832 769194001 MS											
1,4-Dioxane	2500	U	ND		1660	ug/L		66	(50%-136%)		03/26/26 13:21
Trichlorotrifluoroethane	250	U	ND		194	ug/L		78	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.9	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		47.1	ug/L		94	(77%-121%)		
QC1206417831 769194001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.1	ug/L	7	88	(0%-20%)		03/26/26 12:56
1,1,2,2-Tetrachloroethane	50.0	U	ND		61.2	ug/L	3	122	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		53.9	ug/L	2	108	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		50.8	ug/L	4	102	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		53.6	ug/L	5	107	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		44.5	ug/L	10	89	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		42.4	ug/L	8	85	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
1,2-Dibromo-3-chloropropane	50.0	U	ND		40.7	ug/L	5	81	(0%-20%)	JEB	03/26/26	12:56
1,2-Dibromoethane	50.0	U	ND		52.1	ug/L	1	104	(0%-20%)			
1,2-Dichlorobenzene	50.0	U	ND		45.6	ug/L	5	91	(0%-20%)			
1,2-Dichloroethane	50.0	U	ND		41.4	ug/L	2	83	(0%-20%)			
1,2-Dichloropropane	50.0	U	ND		53.4	ug/L	3	107	(0%-20%)			
1,3-Dichlorobenzene	50.0	U	ND		45.1	ug/L	4	90	(0%-20%)			
1,4-Dichlorobenzene	50.0	U	ND		44.9	ug/L	4	90	(0%-20%)			
2-Butanone	250	U	ND		266	ug/L	1	106	(0%-20%)			
2-Hexanone	250	U	ND		290	ug/L	4	116	(0%-20%)			
4-Methyl-2-pentanone	250	U	ND		296	ug/L	1	119	(0%-20%)			
Acetone	250	U	ND		198	ug/L	1	79	(0%-20%)			
Benzene	50.0	U	ND		49.3	ug/L	4	99	(0%-20%)			
Bromochloromethane	50.0	U	ND		44.6	ug/L	3	89	(0%-20%)			
Bromodichloromethane	50.0	U	ND		50.5	ug/L	4	101	(0%-20%)			

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
Bromoform	50.0	U	ND		43.8	ug/L	4	88	(0%-20%)	JEB	03/26/26 12:56
Bromomethane	50.0	U	ND		44.2	ug/L	7	88	(0%-20%)		
Carbon disulfide	250	U	ND		257	ug/L	5	103	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		44.5	ug/L	6	89	(0%-20%)		
Chlorobenzene	50.0	U	ND		45.7	ug/L	3	91	(0%-20%)		
Chloroethane	50.0	U	ND		56.7	ug/L	6	113	(0%-20%)		
Chloroform	50.0	U	ND		45.7	ug/L	4	91	(0%-20%)		
Chloromethane	50.0	U	ND		40.3	ug/L	6	81	(0%-20%)		
Cyclohexane	50.0	U	ND		54.5	ug/L	6	109	(0%-20%)		
Dibromochloromethane	50.0	U	ND		42.5	ug/L	3	85	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		46.8	ug/L	6	94	(0%-20%)		
Ethylbenzene	50.0	U	ND		47.4	ug/L	5	95	(0%-20%)		
Isopropylbenzene	50.0	U	ND		55.6	ug/L	9	111	(0%-20%)		
Methyl acetate	250	U	ND		265	ug/L	0	106	(0%-20%)		

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Methylcyclohexane	50.0	U	ND		50.1	ug/L	5	100	(0%-20%)	JEB	03/26/26	12:56
Methylene chloride	50.0	U	ND		46.3	ug/L	5	93	(0%-20%)			
Styrene	50.0	U	ND		48.4	ug/L	2	97	(0%-20%)			
Tetrachloroethylene	50.0	U	ND		43.2	ug/L	4	86	(0%-20%)			
Toluene	50.0	U	ND		49.1	ug/L	4	98	(0%-20%)			
Trichloroethylene	50.0	U	ND		46.8	ug/L	4	94	(0%-20%)			
Trichlorofluoromethane	50.0	U	ND		41.9	ug/L	6	84	(0%-20%)			
Vinyl chloride	50.0	U	ND		41.7	ug/L	6	83	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND		47.6	ug/L	5	95	(0%-20%)			
cis-1,3-Dichloropropylene	50.0	U	ND		53.6	ug/L	3	107	(0%-20%)			
m,p-Xylenes	100	U	ND		93.9	ug/L	4	94	(0%-20%)			
o-Xylene	50.0	U	ND		47.2	ug/L	4	94	(0%-20%)			
tert-Butyl methyl ether	50.0	U	ND		46.6	ug/L	5	93	(0%-20%)			
trans-1,2-Dichloroethylene	50.0	U	ND		49.9	ug/L	5	100	(0%-20%)			

QC Summary

Workorder: **767984**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
trans-1,3-Dichloropropylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)	JEB	03/26/26 12:56
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.7	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		46.8		47.4	ug/L		95	(77%-121%)		
QC1206417833 769194001 MSD											
1,4-Dioxane	2500	U	ND		1560	ug/L	6	62	(0%-20%)		03/26/26 13:46
Trichlorotrifluoroethane	250	U	ND		210	ug/L	8	84	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.0	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		52.2	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		48.4	ug/L		97	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

- U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J J Value is estimated
- H H Analytical holding time was exceeded
- h h Preparation or preservation holding time was exceeded
- Q Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

QC Summary

Workorder: **767984**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 767984
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Cr 6, TAL metals, TCL SVOC	<-- Preservative Type (6)
LS-TB-031126	03-11-26	1100	TB	N	DI			3	3		
LS-SB-35-1.0		1120	G	N	SO			1		1	
LS-SB-42-1.0		1235	G	N	SO			1		1	
LS-SB-42-3.0		1240	G	N	SO			5	4	1	
LS-SB-41-1.0		1320	G	N	SO			1		1	
LS-SB-41-3.0		1325	G	N	SO			5	4	1	
LS-SB-07-1.0		1410	G	N	SO			1		1	
LS-SB-07-3.0		1415	G	N	SO			5	4	1	

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3-12-26	0815		3/12/26	815
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No
Select Deliverable [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4
Additional Remarks:
For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No **Cooler Temp:** 2 °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. **8260B - 3**, **6010B/7470A - 1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate. If no preservative is added = leave field blank

7) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic, **Ba** = Barium, **Cd** = Cadmium, **Cr** = Chromium, **Pb** = Lead, **Hg**= Mercury, **Se**= Selenium, **Ag**= Silver, **MR**= Misc. RCRA metals

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 767984	GEL PM: JR
Received By: CLM	Date Received at GEL: 3/12/26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR5-23 Daily Calibration Performed? Y/N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
N/A	2°				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr. Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) ✓ 3/12/26 Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	The 3 trip Blank VOA's do not have
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:
11) GEL labels.

PM (or PMA) review: Initials CLM Date 3/13/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 767984

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2966465

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2966464

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767984004	LS-SB-42-3.0
767984006	LS-SB-41-3.0
767984008	LS-SB-07-3.0
1206416540	Laboratory Control Sample (LCS) **Batch 2966465**
1206416541	Laboratory Control Sample (LCS)
1206416542	Method Blank (MB)
1206416543	768173001(NonSDG) Matrix Spike (MS)
1206416544	768173001(NonSDG) Matrix Spike Duplicate (MSD)
1206416623	768173001(NonSDG) Matrix Spike (MS)
1206416624	768173001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 767984004 (LS-SB-42-3.0), 767984006 (LS-SB-41-3.0) and 767984008 (LS-SB-07-3.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The recoveries were similar. It is believed possible matrix interference has been demonstrated.

Sample	Analyte	Value
1206416543 (Non SDG 768173001MS)	1, 2, 3-Trichlorobenzene	8* (30%-133%)

	1, 2, 4-Trichlorobenzene	8* (29%-139%)
1206416544 (Non SDG 768173001MSD)	1, 2, 3-Trichlorobenzene	7* (30%-133%)
	1, 2, 4-Trichlorobenzene	7* (29%-139%)

The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206416544 (Non SDG 768173001MSD)	Methylcyclohexane	21* (27%-137%)

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206416543MS and 1206416544MSD (Non SDG 768173001)	Methylcyclohexane	RPD 29* (0%-20%)

The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206416543MS and 1206416544MSD (Non SDG 768173001)	Methyl acetate	RPD 24* (0%-20%)

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2967250

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767984001	LS-TB-031126
1206417827	Laboratory Control Sample (LCS) **Batch 2967250**
1206417828	Laboratory Control Sample (LCS)
1206417829	Method Blank (MB)
1206417830	769194001(NonSDG) Matrix Spike (MS)
1206417831	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206417832	769194001(NonSDG) Matrix Spike (MS)
1206417833	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206419148	Laboratory Control Sample (LCS)
1206419149	Laboratory Control Sample (LCS)
1206419150	Method Blank (MB)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206419148 (LCS)	1, 1, 2, 2-Tetrachloroethane	133* (70%-130%)

The LCS recoveries for 1,4-Dioxane were not within the acceptance limits. The data are reported at the client's request.

Sample	Analyte	Value
1206417828 (LCS)	1, 4-Dioxane	69* (70%-130%)
1206419149 (LCS)	1, 4-Dioxane	60* (70%-130%)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2961186

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2961185

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767984002	LS-SB-35-1.0
767984003	LS-SB-42-1.0
767984004	LS-SB-42-3.0
767984005	LS-SB-41-1.0

767984006	LS-SB-41-3.0
767984007	LS-SB-07-1.0
767984008	LS-SB-07-3.0
1206406818	Method Blank (MB) **Batch 2961186**
1206406819	Laboratory Control Sample (LCS)
1206406820	767984008(LS-SB-07-3.0) Matrix Spike (MS)
1206406821	767984008(LS-SB-07-3.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206406819 (LCS)	Benzaldehyde	9* (21%-89%)

Spike Recovery Statement
The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206406820 (LS-SB-07-3.0MS)	Hexachlorocyclopentadiene	0* (16%-60%)
1206406821 (LS-SB-07-3.0MSD)	Hexachlorocyclopentadiene	0* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206406820MS and 1206406821MSD (LS-SB-07-3.0)	Hexachlorobenzene	RPD 34* (0%-30%)

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
767984008 (LS-SB-07-3.0)	2, 4-Dimethylphenol	Result 364ug/kg

	Dibenzo(a, h)anthracene	Result 15.4ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2960606

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2960605

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767984002	LS-SB-35-1.0
767984003	LS-SB-42-1.0
767984004	LS-SB-42-3.0
767984005	LS-SB-41-1.0
767984006	LS-SB-41-3.0
767984007	LS-SB-07-1.0
767984008	LS-SB-07-3.0
1206405827	Method Blank (MB)**ICP Batch 2960606**
1206405828	Laboratory Control Sample (LCS)
1206405832	767984002(LS-SB-35-1.0L) Serial Dilution (SD)
1206405829	767984002(LS-SB-35-1.0S) Matrix Spike (MS)
1206405830	767984002(LS-SB-35-1.0SD) Matrix Spike Duplicate (MSD)
1206405831	767984002(LS-SB-35-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike

digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206405829 (LS-SB-35-1.0MS)	Lead	169* (75%-125%)
	Nickel	45.1* (75%-125%)
	Vanadium	70.5* (75%-125%)
1206405830 (LS-SB-35-1.0MSD)	Lead	197* (75%-125%)
	Nickel	15* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206405829MS and 1206405830MSD (LS-SB-35-1.0)	Cadmium	RPD 20.2* (0%-20%)
	Calcium	RPD 32.8* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of iron, manganese, calcium, and zinc within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 767984002 (LS-SB-35-1.0), 767984003 (LS-SB-42-1.0), 767984004 (LS-SB-42-3.0), 767984005 (LS-SB-41-1.0) and 767984007 (LS-SB-07-1.0).

Analyte	767984				
	002	003	004	005	007
Aluminum	10X	10X	10X	10X	5X
Antimony	10X	10X	10X	10X	
Arsenic	10X	10X	10X	10X	
Barium	10X	10X	10X	10X	
Beryllium	10X	10X	10X	10X	
Cadmium	10X	10X	10X	10X	
Calcium	10X	10X	10X	10X	5X
Chromium	10X	10X	10X	10X	
Cobalt	10X	10X	10X	10X	
Copper	10X	10X	10X	10X	
Iron	10X	10X	10X	10X	
Lead	10X	10X	10X	10X	
Magnesium	10X	10X	10X	10X	

Manganese	10X	20X	20X	20X	5X
Nickel	10X	10X	10X	10X	
Potassium	10X	10X	10X	10X	
Selenium	10X	10X	10X	10X	
Silver	10X	10X	10X	10X	5X
Sodium	10X	10X	10X	10X	
Thallium	10X	10X	10X	10X	
Vanadium	10X	10X	10X	10X	
Zinc	10X	10X	10X	10X	5X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2960527

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2960526

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767984002	LS-SB-35-1.0
767984003	LS-SB-42-1.0
767984004	LS-SB-42-3.0
767984005	LS-SB-41-1.0
767984006	LS-SB-41-3.0
767984007	LS-SB-07-1.0
767984008	LS-SB-07-3.0
1206405653	Method Blank (MB)**CVAA Batch 2960527**
1206405654	Laboratory Control Sample (LCS)
1206405875	760687007(NonSDGS) Matrix Spike (MS)
1206405876	760687007(NonSDGSD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Holding Time Specifications
GEL assigns holding times based on the associated methodology. Holding time is measured by comparison of the date and time of sample collection to the date and time of sample preparation and analysis. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. Samples (See Below) were initially analyzed within holding; however, the holding times had expired prior to reanalysis of samples.

Sample	Analyte	Value
1206405875 (Non SDG 760687007MS)	Mercury	Received 19-JAN-26, within holding, analyzed 13-MAR-26, out of holding 12-FEB-26
	Mercury	Received 19-JAN-26, within holding, prepped 12-MAR-26, out of holding 12-FEB-26
1206405876 (Non SDG 760687007MSD)	Mercury	Received 19-JAN-26, within holding, analyzed 13-MAR-26, out of holding 12-FEB-26
	Mercury	Received 19-JAN-26, within holding, prepped 12-MAR-26, out of holding 12-FEB-26

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples 1206405875 (Non SDG 760687007MS) and 1206405876 (Non SDG 760687007MSD) in this SDG were diluted 20x due to the tissue/fish matrix. The matrix forms an emulsion that clogs the liquid/air separator membrane causing instrument failure.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2962940

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2962939

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767984002	LS-SB-35-1.0
767984003	LS-SB-42-1.0
767984004	LS-SB-42-3.0
767984005	LS-SB-41-1.0
767984006	LS-SB-41-3.0
767984007	LS-SB-07-1.0
767984008	LS-SB-07-3.0
1206410018	Method Blank (MB) **Batch 2962940**
1206410019	Laboratory Control Sample (LCS)
1206410022	767984004(LS-SB-42-3.0) Sample Duplicate (DUP)
1206410023	767984004(LS-SB-42-3.0) Matrix Spike (MS)
1206410024	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2960588

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767984002	LS-SB-35-1.0
767984003	LS-SB-42-1.0
767984004	LS-SB-42-3.0
767984005	LS-SB-41-1.0
767984006	LS-SB-41-3.0
767984007	LS-SB-07-1.0
767984008	LS-SB-07-3.0
1206405806	767984002(LS-SB-35-1.0) Sample Duplicate (DUP) **Batch 2960588**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 768430

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 13, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 768430 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

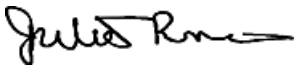
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. Collection time between COC and container do not match for sample 768430005. Client was contacted and lab will use COC collection time*768430005(LS-SB-39-1.0 DP)*.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP25-1271
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 768430 GEL Work Order: 768430

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E Concentration of the target analyte exceeds the instrument calibration range

J Value is estimated

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031326
Sample ID: 768430001
Matrix: Water
Collect Date: 13-MAR-26 10:30
Receive Date: 13-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	1140	2967250	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031326 Project: RVDE00226C
Sample ID: 768430001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.0 ug/L	50.0	86	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	46.9 ug/L	50.0	94	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-1.0
Sample ID: 768430002
Matrix: Soil
Collect Date: 13-MAR-26 10:50
Receive Date: 13-MAR-26
Collector: Client
Moisture: 18.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		166	9.45	28.2	ug/kg	115	1	PB1	03/17/26	1013	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4260000	7610	22400	ug/kg	90.9	1	EM2	03/17/26	1741	2961773	2
Antimony		6860	369	2240	ug/kg	90.9	1					
Arsenic		11800	560	3360	ug/kg	90.9	1					
Barium		71600	112	560	ug/kg	90.9	1					
Beryllium	J	185	112	560	ug/kg	90.9	1					
Cadmium		843	112	560	ug/kg	90.9	1					
Calcium		5920000	8960	28000	ug/kg	90.9	1					
Chromium		21200	168	1120	ug/kg	90.9	1					
Cobalt		4240	168	560	ug/kg	90.9	1					
Copper		56100	336	2240	ug/kg	90.9	1					
Iron		30300000	8960	28000	ug/kg	90.9	1					
Lead		165000	369	2240	ug/kg	90.9	1					
Magnesium		633000	9520	33600	ug/kg	90.9	1					
Manganese		309000	224	1120	ug/kg	90.9	1					
Nickel		14600	168	560	ug/kg	90.9	1					
Potassium		488000	7160	28000	ug/kg	90.9	1					
Selenium	U	ND	560	3360	ug/kg	90.9	1					
Silver	J	141	112	560	ug/kg	90.9	1					
Sodium		69300	7840	28000	ug/kg	90.9	1					
Thallium	U	ND	560	2240	ug/kg	90.9	1					
Vanadium		12000	112	560	ug/kg	90.9	1					
Zinc		150000	448	2240	ug/kg	90.9	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	122	406	ug/kg	0.0329	1	NM1	03/24/26	0040	2961936	3
1,2,4,5-Tetrachlorobenzene	U	ND	122	406	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	122	406	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	122	406	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	122	406	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	122	406	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	122	406	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	122	811	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-1.0 Project: RVDE00226C
Sample ID: 768430002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	122	406	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	122	406	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	12.2	40.6	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	122	406	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	122	406	ug/kg	0.0329	1					
2-Methylnaphthalene	J	21.1	12.2	40.6	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	122	406	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	122	406	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	122	406	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	162	406	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	122	406	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	122	406	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	122	406	ug/kg	0.0329	1					
Acenaphthene	U	ND	12.2	40.6	ug/kg	0.0329	1					
Acenaphthylene		122	12.2	40.6	ug/kg	0.0329	1					
Acetophenone	U	ND	122	406	ug/kg	0.0329	1					
Anthracene		113	12.2	40.6	ug/kg	0.0329	1					
Atrazine	U	ND	162	406	ug/kg	0.0329	1					
Benzaldehyde	U	ND	122	406	ug/kg	0.0329	1					
Benzo(a)anthracene		441	12.2	40.6	ug/kg	0.0329	1					
Benzo(a)pyrene		558	12.2	40.6	ug/kg	0.0329	1					
Benzo(b)fluoranthene		960	12.2	40.6	ug/kg	0.0329	1					
Benzo(ghi)perylene		409	12.2	40.6	ug/kg	0.0329	1					
Benzo(k)fluoranthene		268	12.2	40.6	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	12.2	40.6	ug/kg	0.0329	1					
Carbazole	J	36.5	12.2	40.6	ug/kg	0.0329	1					
Chrysene		532	12.2	40.6	ug/kg	0.0329	1					
Di-n-butylphthalate	J	12.6	12.2	40.6	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	12.2	40.6	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene		103	12.2	40.6	ug/kg	0.0329	1					
Dibenzofuran	U	ND	122	406	ug/kg	0.0329	1					
Diethylphthalate	U	ND	12.2	40.6	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	12.2	40.6	ug/kg	0.0329	1					
Diphenylamine	U	ND	122	406	ug/kg	0.0329	1					
Fluoranthene		661	12.2	40.6	ug/kg	0.0329	1					
Fluorene	J	20.3	12.2	40.6	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-1.0 Project: RVDE00226C
Sample ID: 768430002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	122	406	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	122	406	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	122	406	ug/kg	0.0329	1					
Hexachloroethane	U	ND	122	406	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene		425	12.2	40.6	ug/kg	0.0329	1					
Isophorone	U	ND	122	406	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	122	406	ug/kg	0.0329	1					
Naphthalene	J	26.4	12.2	40.6	ug/kg	0.0329	1					
Nitrobenzene	U	ND	122	406	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	122	406	ug/kg	0.0329	1					
Phenanthrene		222	12.2	40.6	ug/kg	0.0329	1					
Phenol	U	ND	122	406	ug/kg	0.0329	1					
Pyrene		665	12.2	40.6	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	122	406	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	122	406	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	122	406	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	J	29.2	12.2	40.6	ug/kg	0.0329	1					
m,p-Cresols	U	ND	122	406	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	122	406	ug/kg	0.0329	1					
o-Cresol	U	ND	122	406	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	134	406	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	122	406	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.136	0.340	mg/kg	27.6	1	BR2	03/27/26	1339	2962943	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1720	2962942
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-03-1.0	Project:	RVDE00226C
Sample ID:	768430002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1440 ug/kg	2030	71	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	2030	67	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	2030	68	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2580 ug/kg	4060	63	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3270 ug/kg	4060	81	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3200 ug/kg	4060	79	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-3.0
Sample ID: 768430003
Matrix: Soil
Collect Date: 13-MAR-26 10:55
Receive Date: 13-MAR-26
Collector: Client
Moisture: 13.4%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.41	25.1	ug/kg	109	1	PB1	03/17/26	1015	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3270000	6940	20400	ug/kg	88.3	1	EM2	03/17/26	1759	2961773	2
Antimony	J	1440	337	2040	ug/kg	88.3	1					
Arsenic		5490	510	3060	ug/kg	88.3	1					
Barium		19900	102	510	ug/kg	88.3	1					
Beryllium	J	298	102	510	ug/kg	88.3	1					
Cadmium	U	ND	102	510	ug/kg	88.3	1					
Chromium		8830	153	1020	ug/kg	88.3	1					
Cobalt	J	424	153	510	ug/kg	88.3	1					
Copper	J	1280	306	2040	ug/kg	88.3	1					
Iron		9380000	8160	25500	ug/kg	88.3	1					
Lead		10700	337	2040	ug/kg	88.3	1					
Magnesium		108000	8670	30600	ug/kg	88.3	1					
Manganese		39600	204	1020	ug/kg	88.3	1					
Nickel		520	153	510	ug/kg	88.3	1					
Potassium		121000	6530	25500	ug/kg	88.3	1					
Selenium	J	620	510	3060	ug/kg	88.3	1					
Silver	U	ND	102	510	ug/kg	88.3	1					
Sodium	J	15300	7140	25500	ug/kg	88.3	1					
Thallium	U	ND	510	2040	ug/kg	88.3	1					
Vanadium		25600	102	510	ug/kg	88.3	1					
Zinc		2760	408	2040	ug/kg	88.3	1					
Calcium		663000	8160	25500	ug/kg	88.3	1	EM2	03/19/26	1709	2961773	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	115	384	ug/kg	0.0333	1	LL2	03/17/26	1538	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	115	384	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	115	384	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	115	384	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	115	384	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	115	384	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	115	384	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	115	768	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-3.0 Project: RVDE00226C
Sample ID: 768430003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	115	384	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	115	384	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.5	38.4	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	115	384	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	115	384	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	11.5	38.4	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	115	384	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	115	384	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	115	384	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	154	384	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	115	384	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	115	384	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	115	384	ug/kg	0.0333	1					
Acenaphthene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Acenaphthylene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Acetophenone	U	ND	115	384	ug/kg	0.0333	1					
Anthracene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Atrazine	U	ND	154	384	ug/kg	0.0333	1					
Benzaldehyde	U	ND	115	384	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.5	38.4	ug/kg	0.0333	1					
Carbazole	U	ND	11.5	38.4	ug/kg	0.0333	1					
Chrysene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	11.5	38.4	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	11.5	38.4	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Dibenzofuran	U	ND	115	384	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.5	38.4	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	11.5	38.4	ug/kg	0.0333	1					
Diphenylamine	U	ND	115	384	ug/kg	0.0333	1					
Fluoranthene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Fluorene	U	ND	11.5	38.4	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-3.0 Project: RVDE00226C
Sample ID: 768430003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	115	384	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	115	384	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	115	384	ug/kg	0.0333	1					
Hexachloroethane	U	ND	115	384	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Isophorone	U	ND	115	384	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	115	384	ug/kg	0.0333	1					
Naphthalene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Nitrobenzene	U	ND	115	384	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	115	384	ug/kg	0.0333	1					
Phenanthrene	U	ND	11.5	38.4	ug/kg	0.0333	1					
Phenol	U	ND	115	384	ug/kg	0.0333	1					
Pyrene	U	ND	11.5	38.4	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	115	384	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	115	384	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	115	384	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	J	17.3	11.5	38.4	ug/kg	0.0333	1					
m,p-Cresols	U	ND	115	384	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	115	384	ug/kg	0.0333	1					
o-Cresol	U	ND	115	384	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	127	384	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	115	384	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.161	0.131	0.328	mg/kg	28.4	1	BR2	03/27/26	1339	2962943	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.319	0.959	ug/kg	0.831	1	CO1	03/26/26	1309	2968103	6
1,1,2,2-Tetrachloroethane	U	ND	0.319	0.959	ug/kg	0.831	1					
1,1,2-Trichloroethane	U	ND	0.319	0.959	ug/kg	0.831	1					
1,1-Dichloroethane	U	ND	0.319	0.959	ug/kg	0.831	1					
1,1-Dichloroethylene	U	ND	0.319	0.959	ug/kg	0.831	1					
1,2,3-Trichlorobenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
1,2,4-Trichlorobenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
1,2-Dibromo-3-chloropropane	U	ND	0.480	0.959	ug/kg	0.831	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-3.0 Project: RVDE00226C
Sample ID: 768430003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.319	0.959	ug/kg	0.831	1					
1,2-Dichlorobenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
1,2-Dichloroethane	U	ND	0.319	0.959	ug/kg	0.831	1					
1,2-Dichloropropane	U	ND	0.319	0.959	ug/kg	0.831	1					
1,3-Dichlorobenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
1,4-Dichlorobenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
1,4-Dioxane	U	ND	16.0	48.0	ug/kg	0.831	1					
2-Butanone	J	1.73	1.60	4.80	ug/kg	0.831	1					
2-Hexanone	U	ND	1.60	4.80	ug/kg	0.831	1					
4-Methyl-2-pentanone	U	ND	1.60	4.80	ug/kg	0.831	1					
Acetone		23.2	1.60	4.80	ug/kg	0.831	1					
Benzene	U	ND	0.319	0.959	ug/kg	0.831	1					
Bromochloromethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Bromodichloromethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Bromoform	U	ND	0.319	0.959	ug/kg	0.831	1					
Bromomethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Carbon disulfide	U	ND	1.60	4.80	ug/kg	0.831	1					
Carbon tetrachloride	U	ND	0.319	0.959	ug/kg	0.831	1					
Chlorobenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
Chloroethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Chloroform	U	ND	0.319	0.959	ug/kg	0.831	1					
Chloromethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Cyclohexane	U	ND	0.319	0.959	ug/kg	0.831	1					
Dibromochloromethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Dichlorodifluoromethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Ethylbenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
Isopropylbenzene	U	ND	0.319	0.959	ug/kg	0.831	1					
Methyl acetate	U	ND	1.60	4.80	ug/kg	0.831	1					
Methylcyclohexane	U	ND	0.319	0.959	ug/kg	0.831	1					
Methylene chloride	U	ND	1.60	4.80	ug/kg	0.831	1					
Styrene	U	ND	0.319	0.959	ug/kg	0.831	1					
Tetrachloroethylene	U	ND	0.319	0.959	ug/kg	0.831	1					
Toluene	U	ND	0.319	0.959	ug/kg	0.831	1					
Trichloroethylene	U	ND	0.319	0.959	ug/kg	0.831	1					
Trichlorofluoromethane	U	ND	0.319	0.959	ug/kg	0.831	1					
Trichlorotrifluoroethane	U	ND	1.60	4.80	ug/kg	0.831	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-03-3.0 Project: RVDE00226C
Sample ID: 768430003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.319	0.959	ug/kg	0.831	1					
cis-1,2-Dichloroethylene	U	ND	0.319	0.959	ug/kg	0.831	1					
cis-1,3-Dichloropropylene	U	ND	0.319	0.959	ug/kg	0.831	1					
m,p-Xylenes	U	ND	0.640	1.92	ug/kg	0.831	1					
o-Xylene	U	ND	0.319	0.959	ug/kg	0.831	1					
tert-Butyl methyl ether	U	ND	0.319	0.959	ug/kg	0.831	1					
trans-1,2-Dichloroethylene	U	ND	0.319	0.959	ug/kg	0.831	1					
trans-1,3-Dichloropropylene	U	ND	0.319	0.959	ug/kg	0.831	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1720	2962942
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 5035	5035 Prep	PXY1	03/13/26	1055	2968092
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1250 ug/kg	1920	65	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	1920	72	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1600 ug/kg	1920	83	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2900 ug/kg	3840	75	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2960 ug/kg	3840	77	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2710 ug/kg	3840	71	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	43.7 ug/kg	50.0	91	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	51.5 ug/kg	50.0	107	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-03-3.0	Project:	RVDE00226C
Sample ID:	768430003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		48.1	ug/kg	50.0	100		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-39-1.0	Project:	RVDE00226C
Sample ID:	768430004	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	13-MAR-26 11:20		
Receive Date:	13-MAR-26		
Collector:	Client		
Moisture:	8.24%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	7.85	23.4	ug/kg	108	1	PB1	03/17/26	1017	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony	J	1190	331	2000	ug/kg	91.9	1	EM2	03/17/26	1801	2961773	2
Arsenic	J	2380	501	3000	ug/kg	91.9	1					
Barium		8070	100	501	ug/kg	91.9	1					
Beryllium	J	253	100	501	ug/kg	91.9	1					
Cadmium	J	454	100	501	ug/kg	91.9	1					
Chromium		4520	150	1000	ug/kg	91.9	1					
Cobalt		2700	150	501	ug/kg	91.9	1					
Copper		2290	300	2000	ug/kg	91.9	1					
Iron		3070000	8010	25000	ug/kg	91.9	1					
Magnesium		3120000	8510	30000	ug/kg	91.9	1					
Manganese		317000	200	1000	ug/kg	91.9	1					
Nickel		8980	150	501	ug/kg	91.9	1					
Potassium		400000	6410	25000	ug/kg	91.9	1					
Selenium	J	761	501	3000	ug/kg	91.9	1					
Sodium		159000	7010	25000	ug/kg	91.9	1					
Thallium	U	ND	501	2000	ug/kg	91.9	1					
Vanadium		6070	100	501	ug/kg	91.9	1					
Aluminum		1180000	68100	200000	ug/kg	91.9	10	EM2	03/19/26	1758	2961773	3
Calcium		347000000	80100	250000	ug/kg	91.9	10					
Lead	U	ND	3310	20000	ug/kg	91.9	10					
Silver	U	ND	1000	5010	ug/kg	91.9	10					
Zinc	J	14000	4010	20000	ug/kg	91.9	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	358	ug/kg	0.0328	1	LL2	03/17/26	1559	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	107	358	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	107	716	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-39-1.0 Project: RVDE00226C
Sample ID: 768430004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	358	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	107	358	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	10.7	35.8	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	358	ug/kg	0.0328	1					
2-Methylnaphthalene	U	ND	10.7	35.8	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	107	358	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	107	358	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	107	358	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	143	358	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	107	358	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	107	358	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	107	358	ug/kg	0.0328	1					
Acenaphthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Acenaphthylene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Acetophenone	U	ND	107	358	ug/kg	0.0328	1					
Anthracene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Atrazine	U	ND	143	358	ug/kg	0.0328	1					
Benzaldehyde	U	ND	107	358	ug/kg	0.0328	1					
Benzo(a)anthracene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Benzo(a)pyrene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Benzo(b)fluoranthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Benzo(ghi)perylene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Benzo(k)fluoranthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Carbazole	U	ND	10.7	35.8	ug/kg	0.0328	1					
Chrysene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dibenzofuran	U	ND	107	358	ug/kg	0.0328	1					
Diethylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Diphenylamine	U	ND	107	358	ug/kg	0.0328	1					
Fluoranthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Fluorene	U	ND	10.7	35.8	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-39-1.0 Project: RVDE00226C
Sample ID: 768430004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	358	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	107	358	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	107	358	ug/kg	0.0328	1					
Hexachloroethane	U	ND	107	358	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Isophorone	U	ND	107	358	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	107	358	ug/kg	0.0328	1					
Naphthalene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Nitrobenzene	U	ND	107	358	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	107	358	ug/kg	0.0328	1					
Phenanthrene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Phenol	U	ND	107	358	ug/kg	0.0328	1					
Pyrene	U	ND	10.7	35.8	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	J	17.5	10.7	35.8	ug/kg	0.0328	1					
m,p-Cresols	U	ND	107	358	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	107	358	ug/kg	0.0328	1					
o-Cresol	U	ND	107	358	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	118	358	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	107	358	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.157	0.393	mg/kg	36.0	1	BR2	03/27/26	1339	2962943	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1720	2962942
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-39-1.0	Project:	RVDE00226C
Sample ID:	768430004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	1790	78	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1460 ug/kg	1790	81	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	1790	84	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3000 ug/kg	3580	84	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3130 ug/kg	3580	87	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2930 ug/kg	3580	82	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-39-1.0 DP
Sample ID: 768430005
Matrix: Soil
Collect Date: 13-MAR-26 11:22
Receive Date: 13-MAR-26
Collector: Client
Moisture: 8.19%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	7.96	23.8	ug/kg	109	1	PB1	03/17/26	1019	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony	J	962	355	2150	ug/kg	98.8	1	EM2	03/17/26	1804	2961773	2
Arsenic	J	1950	538	3230	ug/kg	98.8	1					
Barium		5990	108	538	ug/kg	98.8	1					
Beryllium	J	198	108	538	ug/kg	98.8	1					
Cadmium	J	504	108	538	ug/kg	98.8	1					
Chromium		5060	161	1080	ug/kg	98.8	1					
Cobalt		2530	161	538	ug/kg	98.8	1					
Copper	J	1660	323	2150	ug/kg	98.8	1					
Iron		2990000	8610	26900	ug/kg	98.8	1					
Magnesium		3120000	9150	32300	ug/kg	98.8	1					
Manganese		311000	215	1080	ug/kg	98.8	1					
Nickel		7440	161	538	ug/kg	98.8	1					
Potassium		424000	6890	26900	ug/kg	98.8	1					
Selenium	J	1730	538	3230	ug/kg	98.8	1					
Sodium		169000	7530	26900	ug/kg	98.8	1					
Thallium	U	ND	538	2150	ug/kg	98.8	1					
Vanadium		6410	108	538	ug/kg	98.8	1					
Aluminum		1100000	73200	215000	ug/kg	98.8	10	EM2	03/19/26	1801	2961773	3
Calcium		352000000	86100	269000	ug/kg	98.8	10					
Lead	U	ND	3550	21500	ug/kg	98.8	10					
Silver	U	ND	1080	5380	ug/kg	98.8	10					
Zinc	J	14400	4310	21500	ug/kg	98.8	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	360	ug/kg	0.0330	1	LL2	03/17/26	1620	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	108	360	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	360	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	108	360	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	108	360	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	108	360	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	108	360	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	108	720	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-39-1.0 DP
Sample ID: 768430005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	360	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	108	360	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	10.8	36.0	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	108	360	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	360	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	10.8	36.0	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	108	360	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	108	360	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	108	360	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	144	360	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	108	360	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	108	360	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	108	360	ug/kg	0.0330	1					
Acenaphthene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Acenaphthylene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Acetophenone	U	ND	108	360	ug/kg	0.0330	1					
Anthracene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Atrazine	U	ND	144	360	ug/kg	0.0330	1					
Benzaldehyde	U	ND	108	360	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	10.8	36.0	ug/kg	0.0330	1					
Carbazole	U	ND	10.8	36.0	ug/kg	0.0330	1					
Chrysene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	10.8	36.0	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	10.8	36.0	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Dibenzofuran	U	ND	108	360	ug/kg	0.0330	1					
Diethylphthalate	U	ND	10.8	36.0	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	10.8	36.0	ug/kg	0.0330	1					
Diphenylamine	U	ND	108	360	ug/kg	0.0330	1					
Fluoranthene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Fluorene	U	ND	10.8	36.0	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-39-1.0 DP
Sample ID: 768430005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	360	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	108	360	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	108	360	ug/kg	0.0330	1					
Hexachloroethane	U	ND	108	360	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Isophorone	U	ND	108	360	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	108	360	ug/kg	0.0330	1					
Naphthalene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Nitrobenzene	U	ND	108	360	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	108	360	ug/kg	0.0330	1					
Phenanthrene	U	ND	10.8	36.0	ug/kg	0.0330	1					
Phenol	U	ND	108	360	ug/kg	0.0330	1					
Pyrene	U	ND	10.8	36.0	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	360	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	108	360	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	108	360	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.8	36.0	ug/kg	0.0330	1					
m,p-Cresols	U	ND	108	360	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	108	360	ug/kg	0.0330	1					
o-Cresol	U	ND	108	360	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	119	360	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	108	360	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.118	0.294	mg/kg	27.0	1	BR2	03/27/26	1339	2962943	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1720	2962942
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-39-1.0 DP
Sample ID: 768430005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1370 ug/kg	1800	76	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1490 ug/kg	1800	83	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1600 ug/kg	1800	89	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3160 ug/kg	3600	88	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3170 ug/kg	3600	88	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2980 ug/kg	3600	83	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-1.0
Sample ID: 768430006
Matrix: Soil
Collect Date: 13-MAR-26 11:40
Receive Date: 13-MAR-26
Collector: Client
Moisture: 12.7%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.59	25.7	ug/kg	112	1	PB1	03/17/26	1020	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony	J	1070	324	1970	ug/kg	85.8	1	EM2	03/17/26	1807	2961773	2
Arsenic	J	1960	491	2950	ug/kg	85.8	1					
Barium		10000	98.3	491	ug/kg	85.8	1					
Beryllium	J	189	98.3	491	ug/kg	85.8	1					
Cadmium		556	98.3	491	ug/kg	85.8	1					
Chromium		4980	147	983	ug/kg	85.8	1					
Cobalt		3600	147	491	ug/kg	85.8	1					
Copper		3810	295	1970	ug/kg	85.8	1					
Iron		3890000	7860	24600	ug/kg	85.8	1					
Lead	U	ND	324	1970	ug/kg	85.8	1					
Magnesium		3370000	8350	29500	ug/kg	85.8	1					
Manganese		371000	197	983	ug/kg	85.8	1					
Nickel		10800	147	491	ug/kg	85.8	1					
Potassium		356000	6290	24600	ug/kg	85.8	1					
Selenium	J	1700	491	2950	ug/kg	85.8	1					
Sodium		176000	6880	24600	ug/kg	85.8	1					
Thallium	U	ND	491	1970	ug/kg	85.8	1					
Vanadium		5400	98.3	491	ug/kg	85.8	1					
Aluminum		1490000	66800	197000	ug/kg	85.8	10	EM2	03/19/26	1804	2961773	3
Calcium		323000000	78600	246000	ug/kg	85.8	10					
Silver	U	ND	983	4910	ug/kg	85.8	10					
Zinc		20800	3930	19700	ug/kg	85.8	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	114	381	ug/kg	0.0333	1	LL2	03/17/26	1642	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	114	381	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	114	381	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	114	381	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	114	381	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	114	381	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	114	381	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	114	762	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-1.0 Project: RVDE00226C
Sample ID: 768430006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	114	381	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	114	381	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.4	38.1	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	114	381	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	114	381	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	11.4	38.1	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	114	381	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	114	381	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	114	381	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	152	381	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	114	381	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	114	381	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	114	381	ug/kg	0.0333	1					
Acenaphthene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Acenaphthylene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Acetophenone	U	ND	114	381	ug/kg	0.0333	1					
Anthracene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Atrazine	U	ND	152	381	ug/kg	0.0333	1					
Benzaldehyde	U	ND	114	381	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.4	38.1	ug/kg	0.0333	1					
Carbazole	U	ND	11.4	38.1	ug/kg	0.0333	1					
Chrysene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	11.4	38.1	ug/kg	0.0333	1					
Di-n-octylphthalate	J	19.4	11.4	38.1	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Dibenzofuran	U	ND	114	381	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.4	38.1	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	11.4	38.1	ug/kg	0.0333	1					
Diphenylamine	U	ND	114	381	ug/kg	0.0333	1					
Fluoranthene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Fluorene	U	ND	11.4	38.1	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-1.0 Project: RVDE00226C
Sample ID: 768430006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	114	381	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	114	381	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	114	381	ug/kg	0.0333	1					
Hexachloroethane	U	ND	114	381	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Isophorone	U	ND	114	381	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	114	381	ug/kg	0.0333	1					
Naphthalene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Nitrobenzene	U	ND	114	381	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	114	381	ug/kg	0.0333	1					
Phenanthrene	U	ND	11.4	38.1	ug/kg	0.0333	1					
Phenol	U	ND	114	381	ug/kg	0.0333	1					
Pyrene	J	21.3	11.4	38.1	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	114	381	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	114	381	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	114	381	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate		318	11.4	38.1	ug/kg	0.0333	1					
m,p-Cresols	U	ND	114	381	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	114	381	ug/kg	0.0333	1					
o-Cresol	U	ND	114	381	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	126	381	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	114	381	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.125	0.313	mg/kg	27.4	1	BR2	03/27/26	1339	2962943	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1726	2962942
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-1.0 Project: RVDE00226C
Sample ID: 768430006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1180 ug/kg	1910	62	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1420 ug/kg	1910	74	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1280 ug/kg	1910	67	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2880 ug/kg	3810	76	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3140 ug/kg	3810	82	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3050 ug/kg	3810	80	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-3.0
Sample ID: 768430007
Matrix: Soil
Collect Date: 13-MAR-26 11:45
Receive Date: 13-MAR-26
Collector: Client
Moisture: 14.7%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		32.1	8.57	25.6	ug/kg	109	1	PB1	03/17/26	1022	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3110000	7160	21100	ug/kg	89.8	1	EM2	03/17/26	1809	2961773	2
Antimony		5750	347	2110	ug/kg	89.8	1					
Arsenic	J	1780	526	3160	ug/kg	89.8	1					
Barium		108000	105	526	ug/kg	89.8	1					
Beryllium	U	ND	105	526	ug/kg	89.8	1					
Cadmium	J	149	105	526	ug/kg	89.8	1					
Chromium		11200	158	1050	ug/kg	89.8	1					
Cobalt		1480	158	526	ug/kg	89.8	1					
Copper		30800	316	2110	ug/kg	89.8	1					
Iron		9230000	8420	26300	ug/kg	89.8	1					
Lead		54600	347	2110	ug/kg	89.8	1					
Magnesium		1070000	8950	31600	ug/kg	89.8	1					
Manganese		239000	211	1050	ug/kg	89.8	1					
Nickel		4900	158	526	ug/kg	89.8	1					
Potassium		452000	6740	26300	ug/kg	89.8	1					
Selenium	U	ND	526	3160	ug/kg	89.8	1					
Silver	U	ND	105	526	ug/kg	89.8	1					
Sodium		69900	7370	26300	ug/kg	89.8	1					
Thallium	U	ND	526	2110	ug/kg	89.8	1					
Vanadium		7930	105	526	ug/kg	89.8	1					
Zinc		33500	421	2110	ug/kg	89.8	1					
Calcium		14600000	8420	26300	ug/kg	89.8	1	EM2	03/19/26	1725	2961773	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	117	390	ug/kg	0.0333	1	LL2	03/17/26	1703	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	117	390	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	117	390	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	117	390	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	117	390	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	117	390	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	117	390	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	117	781	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-3.0 Project: RVDE00226C
Sample ID: 768430007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	117	390	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	117	390	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.7	39.0	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	117	390	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	117	390	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	11.7	39.0	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	117	390	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	117	390	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	117	390	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	156	390	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	117	390	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	117	390	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	117	390	ug/kg	0.0333	1					
Acenaphthene	J	13.7	11.7	39.0	ug/kg	0.0333	1					
Acenaphthylene	J	25.0	11.7	39.0	ug/kg	0.0333	1					
Acetophenone	U	ND	117	390	ug/kg	0.0333	1					
Anthracene	J	17.6	11.7	39.0	ug/kg	0.0333	1					
Atrazine	U	ND	156	390	ug/kg	0.0333	1					
Benzaldehyde	U	ND	117	390	ug/kg	0.0333	1					
Benzo(a)anthracene		48.8	11.7	39.0	ug/kg	0.0333	1					
Benzo(a)pyrene		54.3	11.7	39.0	ug/kg	0.0333	1					
Benzo(b)fluoranthene		83.2	11.7	39.0	ug/kg	0.0333	1					
Benzo(ghi)perylene		64.4	11.7	39.0	ug/kg	0.0333	1					
Benzo(k)fluoranthene	J	27.3	11.7	39.0	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.7	39.0	ug/kg	0.0333	1					
Carbazole	U	ND	11.7	39.0	ug/kg	0.0333	1					
Chrysene		54.3	11.7	39.0	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	11.7	39.0	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	11.7	39.0	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	J	12.5	11.7	39.0	ug/kg	0.0333	1					
Dibenzofuran	U	ND	117	390	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.7	39.0	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	11.7	39.0	ug/kg	0.0333	1					
Diphenylamine	U	ND	117	390	ug/kg	0.0333	1					
Fluoranthene		84.3	11.7	39.0	ug/kg	0.0333	1					
Fluorene	U	ND	11.7	39.0	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-3.0 Project: RVDE00226C
Sample ID: 768430007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	117	390	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	117	390	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	117	390	ug/kg	0.0333	1					
Hexachloroethane	U	ND	117	390	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene		55.0	11.7	39.0	ug/kg	0.0333	1					
Isophorone	U	ND	117	390	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	117	390	ug/kg	0.0333	1					
Naphthalene	J	20.3	11.7	39.0	ug/kg	0.0333	1					
Nitrobenzene	U	ND	117	390	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	117	390	ug/kg	0.0333	1					
Phenanthrene	J	35.1	11.7	39.0	ug/kg	0.0333	1					
Phenol	U	ND	117	390	ug/kg	0.0333	1					
Pyrene		76.5	11.7	39.0	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	117	390	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	117	390	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	117	390	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.7	39.0	ug/kg	0.0333	1					
m,p-Cresols	U	ND	117	390	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	117	390	ug/kg	0.0333	1					
o-Cresol	U	ND	117	390	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	129	390	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	117	390	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.107	0.266	mg/kg	22.7	1	BR2	03/27/26	1339	2962943	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.371	1.11	ug/kg	0.949	1	CO1	03/26/26	1334	2968103	6
1,1,2,2-Tetrachloroethane	U	ND	0.371	1.11	ug/kg	0.949	1					
1,1,2-Trichloroethane	U	ND	0.371	1.11	ug/kg	0.949	1					
1,1-Dichloroethane	U	ND	0.371	1.11	ug/kg	0.949	1					
1,1-Dichloroethylene	U	ND	0.371	1.11	ug/kg	0.949	1					
1,2,3-Trichlorobenzene	U	ND	0.371	1.11	ug/kg	0.949	1					
1,2,4-Trichlorobenzene	U	ND	0.371	1.11	ug/kg	0.949	1					
1,2-Dibromo-3-chloropropane	U	ND	0.556	1.11	ug/kg	0.949	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-3.0 Project: RVDE00226C
Sample ID: 768430007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.371	1.11	ug/kg	0.949	1					
1,2-Dichlorobenzene	U	ND	0.371	1.11	ug/kg	0.949	1					
1,2-Dichloroethane	U	ND	0.371	1.11	ug/kg	0.949	1					
1,2-Dichloropropane	U	ND	0.371	1.11	ug/kg	0.949	1					
1,3-Dichlorobenzene	U	ND	0.371	1.11	ug/kg	0.949	1					
1,4-Dichlorobenzene	U	ND	0.371	1.11	ug/kg	0.949	1					
1,4-Dioxane	U	ND	18.5	55.6	ug/kg	0.949	1					
2-Butanone	J	4.09	1.85	5.56	ug/kg	0.949	1					
2-Hexanone	U	ND	1.85	5.56	ug/kg	0.949	1					
4-Methyl-2-pentanone	U	ND	1.85	5.56	ug/kg	0.949	1					
Acetone		25.8	1.85	5.56	ug/kg	0.949	1					
Benzene	U	ND	0.371	1.11	ug/kg	0.949	1					
Bromochloromethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Bromodichloromethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Bromoform	U	ND	0.371	1.11	ug/kg	0.949	1					
Bromomethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Carbon disulfide	U	ND	1.85	5.56	ug/kg	0.949	1					
Carbon tetrachloride	U	ND	0.371	1.11	ug/kg	0.949	1					
Chlorobenzene	U	ND	0.371	1.11	ug/kg	0.949	1					
Chloroethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Chloroform	U	ND	0.371	1.11	ug/kg	0.949	1					
Chloromethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Cyclohexane	U	ND	0.371	1.11	ug/kg	0.949	1					
Dibromochloromethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Dichlorodifluoromethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Ethylbenzene	U	ND	0.371	1.11	ug/kg	0.949	1					
Isopropylbenzene	J	0.679	0.371	1.11	ug/kg	0.949	1					
Methyl acetate	U	ND	1.85	5.56	ug/kg	0.949	1					
Methylcyclohexane	U	ND	0.371	1.11	ug/kg	0.949	1					
Methylene chloride	U	ND	1.85	5.56	ug/kg	0.949	1					
Styrene	U	ND	0.371	1.11	ug/kg	0.949	1					
Tetrachloroethylene	U	ND	0.371	1.11	ug/kg	0.949	1					
Toluene	U	ND	0.371	1.11	ug/kg	0.949	1					
Trichloroethylene	U	ND	0.371	1.11	ug/kg	0.949	1					
Trichlorofluoromethane	U	ND	0.371	1.11	ug/kg	0.949	1					
Trichlorotrifluoroethane	U	ND	1.85	5.56	ug/kg	0.949	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-23-3.0 Project: RVDE00226C
Sample ID: 768430007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.371	1.11	ug/kg	0.949	1					
cis-1,2-Dichloroethylene	U	ND	0.371	1.11	ug/kg	0.949	1					
cis-1,3-Dichloropropylene	U	ND	0.371	1.11	ug/kg	0.949	1					
m,p-Xylenes	U	ND	0.742	2.23	ug/kg	0.949	1					
o-Xylene	U	ND	0.371	1.11	ug/kg	0.949	1					
tert-Butyl methyl ether	U	ND	0.371	1.11	ug/kg	0.949	1					
trans-1,2-Dichloroethylene	U	ND	0.371	1.11	ug/kg	0.949	1					
trans-1,3-Dichloropropylene	U	ND	0.371	1.11	ug/kg	0.949	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	PXY1	03/13/26	1145	2968092
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1726	2962942
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	671 ug/kg	1950	34	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	767 ug/kg	1950	39	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	791 ug/kg	1950	41	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1610 ug/kg	3900	41	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1790 ug/kg	3900	46	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1590 ug/kg	3900	41	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	49.3 ug/kg	50.0	89	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	63.2 ug/kg	50.0	114	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-23-3.0	Project:	RVDE00226C
Sample ID:	768430007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		53.5	ug/kg	50.0		96		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-22-1.0
Sample ID: 768430008
Matrix: Soil
Collect Date: 13-MAR-26 12:05
Receive Date: 13-MAR-26
Collector: Client
Moisture: 13.7%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	21.0	8.44	25.2	ug/kg	109	1	PB1	03/17/26	1024	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		15200000	37200	109000	ug/kg	94.3	5	EM2	03/19/26	1728	2961773	2
Antimony	U	ND	1800	10900	ug/kg	94.3	5					
Arsenic	U	ND	2730	16400	ug/kg	94.3	5					
Barium		198000	547	2730	ug/kg	94.3	5					
Beryllium	J	1280	547	2730	ug/kg	94.3	5					
Cadmium	U	ND	547	2730	ug/kg	94.3	5					
Calcium		220000000	43700	137000	ug/kg	94.3	5					
Chromium		634000	820	5470	ug/kg	94.3	5					
Cobalt		3590	820	2730	ug/kg	94.3	5					
Copper		68400	1640	10900	ug/kg	94.3	5					
Iron		69300000	43700	137000	ug/kg	94.3	5					
Lead		42400	1800	10900	ug/kg	94.3	5					
Magnesium		27500000	46500	164000	ug/kg	94.3	5					
Nickel		32400	820	2730	ug/kg	94.3	5					
Potassium		230000	35000	137000	ug/kg	94.3	5					
Selenium		20300	2730	16400	ug/kg	94.3	5					
Silver	J	2030	547	2730	ug/kg	94.3	5					
Sodium		504000	38300	137000	ug/kg	94.3	5					
Thallium	U	ND	2730	10900	ug/kg	94.3	5					
Vanadium		249000	547	2730	ug/kg	94.3	5					
Zinc		190000	2190	10900	ug/kg	94.3	5					
Manganese		18700000	4370	21900	ug/kg	94.3	20	EM2	03/19/26	1807	2961773	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	378	ug/kg	0.0326	1	LL2	03/17/26	1724	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	113	378	ug/kg	0.0326	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	378	ug/kg	0.0326	1					
2,4,5-Trichlorophenol	U	ND	113	378	ug/kg	0.0326	1					
2,4,6-Trichlorophenol	U	ND	113	378	ug/kg	0.0326	1					
2,4-Dichlorophenol	U	ND	113	378	ug/kg	0.0326	1					
2,4-Dimethylphenol	U	ND	113	378	ug/kg	0.0326	1					
2,4-Dinitrophenol	U	ND	113	756	ug/kg	0.0326	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-22-1.0 Project: RVDE00226C
Sample ID: 768430008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	378	ug/kg	0.0326	1					
2,6-Dinitrotoluene	U	ND	113	378	ug/kg	0.0326	1					
2-Chloronaphthalene	U	ND	11.3	37.8	ug/kg	0.0326	1					
2-Chlorophenol	U	ND	113	378	ug/kg	0.0326	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	378	ug/kg	0.0326	1					
2-Methylnaphthalene	U	ND	11.3	37.8	ug/kg	0.0326	1					
2-Nitrophenol	U	ND	113	378	ug/kg	0.0326	1					
3,3'-Dichlorobenzidine	U	ND	113	378	ug/kg	0.0326	1					
4-Bromophenylphenylether	U	ND	113	378	ug/kg	0.0326	1					
4-Chloro-3-methylphenol	U	ND	151	378	ug/kg	0.0326	1					
4-Chloroaniline	U	ND	113	378	ug/kg	0.0326	1					
4-Chlorophenylphenylether	U	ND	113	378	ug/kg	0.0326	1					
4-Nitrophenol	U	ND	113	378	ug/kg	0.0326	1					
Acenaphthene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Acenaphthylene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Acetophenone	U	ND	113	378	ug/kg	0.0326	1					
Anthracene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Atrazine	U	ND	151	378	ug/kg	0.0326	1					
Benzaldehyde	U	ND	113	378	ug/kg	0.0326	1					
Benzo(a)anthracene	J	12.1	11.3	37.8	ug/kg	0.0326	1					
Benzo(a)pyrene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Benzo(b)fluoranthene	J	17.0	11.3	37.8	ug/kg	0.0326	1					
Benzo(ghi)perylene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Benzo(k)fluoranthene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Butylbenzylphthalate	U	ND	11.3	37.8	ug/kg	0.0326	1					
Carbazole	U	ND	11.3	37.8	ug/kg	0.0326	1					
Chrysene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Di-n-butylphthalate	U	ND	11.3	37.8	ug/kg	0.0326	1					
Di-n-octylphthalate	U	ND	11.3	37.8	ug/kg	0.0326	1					
Dibenzo(a,h)anthracene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Dibenzofuran	U	ND	113	378	ug/kg	0.0326	1					
Diethylphthalate	U	ND	11.3	37.8	ug/kg	0.0326	1					
Dimethylphthalate	U	ND	11.3	37.8	ug/kg	0.0326	1					
Diphenylamine	U	ND	113	378	ug/kg	0.0326	1					
Fluoranthene	J	20.8	11.3	37.8	ug/kg	0.0326	1					
Fluorene	U	ND	11.3	37.8	ug/kg	0.0326	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-22-1.0 Project: RVDE00226C
Sample ID: 768430008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	378	ug/kg	0.0326	1					
Hexachlorobutadiene	U	ND	113	378	ug/kg	0.0326	1					
Hexachlorocyclopentadiene	U	ND	113	378	ug/kg	0.0326	1					
Hexachloroethane	U	ND	113	378	ug/kg	0.0326	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Isophorone	U	ND	113	378	ug/kg	0.0326	1					
N-Nitrosodipropylamine	U	ND	113	378	ug/kg	0.0326	1					
Naphthalene	U	ND	11.3	37.8	ug/kg	0.0326	1					
Nitrobenzene	U	ND	113	378	ug/kg	0.0326	1					
Pentachlorophenol	U	ND	113	378	ug/kg	0.0326	1					
Phenanthrene	J	12.1	11.3	37.8	ug/kg	0.0326	1					
Phenol	U	ND	113	378	ug/kg	0.0326	1					
Pyrene	J	16.6	11.3	37.8	ug/kg	0.0326	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	378	ug/kg	0.0326	1					
bis(2-Chloroethoxy)methane	U	ND	113	378	ug/kg	0.0326	1					
bis(2-Chloroethyl) ether	U	ND	113	378	ug/kg	0.0326	1					
bis(2-Ethylhexyl)phthalate	J	12.1	11.3	37.8	ug/kg	0.0326	1					
m,p-Cresols	U	ND	113	378	ug/kg	0.0326	1					
m-Nitroaniline	U	ND	113	378	ug/kg	0.0326	1					
o-Cresol	U	ND	113	378	ug/kg	0.0326	1					
o-Nitroaniline	U	ND	125	378	ug/kg	0.0326	1					
p-Nitroaniline	U	ND	113	378	ug/kg	0.0326	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.919	0.134	0.334	mg/kg	28.8	1	BR2	03/27/26	1339	2962943	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1726	2962942
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-22-1.0	Project:	RVDE00226C
Sample ID:	768430008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	1890	79	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1590 ug/kg	1890	84	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1700 ug/kg	1890	90	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1520 ug/kg	3780	40	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3380 ug/kg	3780	89	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2850 ug/kg	3780	75	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-24-1.0	Project:	RVDE00226C
Sample ID:	768430009	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	13-MAR-26 12:20		
Receive Date:	13-MAR-26		
Collector:	Client		
Moisture:	7.53%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	12.7	7.90	23.6	ug/kg	109	1	PB1	03/17/26	1025	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1550000	350000	1030000	ug/kg	95.2	50	EM2	03/19/26	1731	2961773	2
Antimony	U	ND	17000	103000	ug/kg	95.2	50					
Arsenic	U	ND	25700	154000	ug/kg	95.2	50					
Barium	U	ND	5150	25700	ug/kg	95.2	50					
Beryllium	U	ND	5150	25700	ug/kg	95.2	50					
Cadmium	U	ND	5150	25700	ug/kg	95.2	50					
Calcium		2720000	412000	1290000	ug/kg	95.2	50					
Chromium		645000	7720	51500	ug/kg	95.2	50					
Cobalt		39600	7720	25700	ug/kg	95.2	50					
Copper		1020000	15400	103000	ug/kg	95.2	50					
Iron		519000000	412000	1290000	ug/kg	95.2	50					
Lead	J	19800	17000	103000	ug/kg	95.2	50					
Magnesium	U	ND	438000	1540000	ug/kg	95.2	50					
Manganese		4100000	10300	51500	ug/kg	95.2	50					
Nickel		333000	7720	25700	ug/kg	95.2	50					
Potassium	J	338000	330000	1290000	ug/kg	95.2	50					
Selenium	U	ND	25700	154000	ug/kg	95.2	50					
Silver	U	ND	5150	25700	ug/kg	95.2	50					
Sodium	J	726000	360000	1290000	ug/kg	95.2	50					
Thallium	U	ND	25700	103000	ug/kg	95.2	50					
Vanadium		54300	5150	25700	ug/kg	95.2	50					
Zinc	J	48000	20600	103000	ug/kg	95.2	50					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	356	ug/kg	0.0329	1	LL2	03/17/26	1745	2961936	3
1,2,4,5-Tetrachlorobenzene	U	ND	107	356	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	356	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	107	356	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	107	356	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	107	356	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	107	356	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	107	712	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-24-1.0 Project: RVDE00226C
Sample ID: 768430009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	356	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	107	356	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.7	35.6	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	107	356	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	356	ug/kg	0.0329	1					
2-Methylnaphthalene	J	32.4	10.7	35.6	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	107	356	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	107	356	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	107	356	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	142	356	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	107	356	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	107	356	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	107	356	ug/kg	0.0329	1					
Acenaphthene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Acenaphthylene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Acetophenone	U	ND	107	356	ug/kg	0.0329	1					
Anthracene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Atrazine	U	ND	142	356	ug/kg	0.0329	1					
Benzaldehyde	U	ND	107	356	ug/kg	0.0329	1					
Benzo(a)anthracene	J	22.1	10.7	35.6	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Benzo(ghi)perylene	J	17.4	10.7	35.6	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	10.7	35.6	ug/kg	0.0329	1					
Carbazole	U	ND	10.7	35.6	ug/kg	0.0329	1					
Chrysene	J	27.1	10.7	35.6	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.7	35.6	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.7	35.6	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Dibenzofuran	U	ND	107	356	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.7	35.6	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	10.7	35.6	ug/kg	0.0329	1					
Diphenylamine	U	ND	107	356	ug/kg	0.0329	1					
Fluoranthene		59.8	10.7	35.6	ug/kg	0.0329	1					
Fluorene	J	15.7	10.7	35.6	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-24-1.0 Project: RVDE00226C
Sample ID: 768430009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	356	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	107	356	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	107	356	ug/kg	0.0329	1					
Hexachloroethane	U	ND	107	356	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.7	35.6	ug/kg	0.0329	1					
Isophorone	U	ND	107	356	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	107	356	ug/kg	0.0329	1					
Naphthalene	J	34.9	10.7	35.6	ug/kg	0.0329	1					
Nitrobenzene	U	ND	107	356	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	107	356	ug/kg	0.0329	1					
Phenanthrene		59.8	10.7	35.6	ug/kg	0.0329	1					
Phenol	U	ND	107	356	ug/kg	0.0329	1					
Pyrene		55.5	10.7	35.6	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	356	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	107	356	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	107	356	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate		37.7	10.7	35.6	ug/kg	0.0329	1					
m,p-Cresols	U	ND	107	356	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	107	356	ug/kg	0.0329	1					
o-Cresol	U	ND	107	356	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	117	356	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	107	356	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.106	0.266	mg/kg	24.6	1	BR2	03/27/26	1339	2962943	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-24-1.0	Project:	RVDE00226C
Sample ID:	768430009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1300 ug/kg	1780	73	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1530 ug/kg	1780	86	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1510 ug/kg	1780	85	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3100 ug/kg	3560	87	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2970 ug/kg	3560	83	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2760 ug/kg	3560	78	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-24-3.0
Sample ID: 768430010
Matrix: Soil
Collect Date: 13-MAR-26 12:25
Receive Date: 13-MAR-26
Collector: Client
Moisture: 6.31%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	14.3	7.74	23.1	ug/kg	108	1	PB1	03/17/26	1156	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1330000	310000	911000	ug/kg	85.3	50	EM2	03/19/26	1734	2961773	2
Antimony	U	ND	15000	91100	ug/kg	85.3	50					
Arsenic	J	26500	22800	137000	ug/kg	85.3	50					
Barium	U	ND	4550	22800	ug/kg	85.3	50					
Beryllium	U	ND	4550	22800	ug/kg	85.3	50					
Cadmium	U	ND	4550	22800	ug/kg	85.3	50					
Calcium		1880000	364000	1140000	ug/kg	85.3	50					
Chromium		698000	6830	45500	ug/kg	85.3	50					
Cobalt		44000	6830	22800	ug/kg	85.3	50					
Copper		1090000	13700	91100	ug/kg	85.3	50					
Iron		584000000	364000	1140000	ug/kg	85.3	50					
Lead	U	ND	15000	91100	ug/kg	85.3	50					
Magnesium	U	ND	387000	1370000	ug/kg	85.3	50					
Manganese		5210000	9110	45500	ug/kg	85.3	50					
Nickel		369000	6830	22800	ug/kg	85.3	50					
Potassium	J	431000	291000	1140000	ug/kg	85.3	50					
Selenium	U	ND	22800	137000	ug/kg	85.3	50					
Silver	U	ND	4550	22800	ug/kg	85.3	50					
Sodium	J	575000	319000	1140000	ug/kg	85.3	50					
Thallium	U	ND	22800	91100	ug/kg	85.3	50					
Vanadium		60800	4550	22800	ug/kg	85.3	50					
Zinc	J	36400	18200	91100	ug/kg	85.3	50					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	106	353	ug/kg	0.0331	1	LL2	03/17/26	1806	2961936	3
1,2,4,5-Tetrachlorobenzene	U	ND	106	353	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	106	353	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	106	353	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	106	353	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	106	353	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	106	353	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	106	706	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-24-3.0 Project: RVDE00226C
Sample ID: 768430010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	106	353	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	106	353	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	10.6	35.3	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	106	353	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	106	353	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	10.6	35.3	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	106	353	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	106	353	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	106	353	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	141	353	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	106	353	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	106	353	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	106	353	ug/kg	0.0331	1					
Acenaphthene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Acenaphthylene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Acetophenone	U	ND	106	353	ug/kg	0.0331	1					
Anthracene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Atrazine	U	ND	141	353	ug/kg	0.0331	1					
Benzaldehyde	U	ND	106	353	ug/kg	0.0331	1					
Benzo(a)anthracene	J	11.6	10.6	35.3	ug/kg	0.0331	1					
Benzo(a)pyrene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Benzo(b)fluoranthene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Benzo(ghi)perylene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	10.6	35.3	ug/kg	0.0331	1					
Carbazole	U	ND	10.6	35.3	ug/kg	0.0331	1					
Chrysene	J	12.7	10.6	35.3	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	10.6	35.3	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	10.6	35.3	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Dibenzofuran	U	ND	106	353	ug/kg	0.0331	1					
Diethylphthalate	U	ND	10.6	35.3	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	10.6	35.3	ug/kg	0.0331	1					
Diphenylamine	U	ND	106	353	ug/kg	0.0331	1					
Fluoranthene	J	27.2	10.6	35.3	ug/kg	0.0331	1					
Fluorene	U	ND	10.6	35.3	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-24-3.0 Project: RVDE00226C
Sample ID: 768430010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	106	353	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	106	353	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	106	353	ug/kg	0.0331	1					
Hexachloroethane	U	ND	106	353	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.6	35.3	ug/kg	0.0331	1					
Isophorone	U	ND	106	353	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	106	353	ug/kg	0.0331	1					
Naphthalene	J	13.4	10.6	35.3	ug/kg	0.0331	1					
Nitrobenzene	U	ND	106	353	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	106	353	ug/kg	0.0331	1					
Phenanthrene	J	23.6	10.6	35.3	ug/kg	0.0331	1					
Phenol	U	ND	106	353	ug/kg	0.0331	1					
Pyrene	J	28.2	10.6	35.3	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	106	353	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	106	353	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	106	353	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	J	21.5	10.6	35.3	ug/kg	0.0331	1					
m,p-Cresols	U	ND	106	353	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	106	353	ug/kg	0.0331	1					
o-Cresol	U	ND	106	353	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	116	353	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	106	353	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.0993	0.248	mg/kg	23.3	1	BR2	03/27/26	1339	2962943	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.186	0.559	ug/kg	0.524	1	CO1	03/26/26	1359	2968103	5
1,1,2,2-Tetrachloroethane	U	ND	0.186	0.559	ug/kg	0.524	1					
1,1,2-Trichloroethane	U	ND	0.186	0.559	ug/kg	0.524	1					
1,1-Dichloroethane	U	ND	0.186	0.559	ug/kg	0.524	1					
1,1-Dichloroethylene	U	ND	0.186	0.559	ug/kg	0.524	1					
1,2,3-Trichlorobenzene	U	ND	0.186	0.559	ug/kg	0.524	1					
1,2,4-Trichlorobenzene	U	ND	0.186	0.559	ug/kg	0.524	1					
1,2-Dibromo-3-chloropropane	U	ND	0.280	0.559	ug/kg	0.524	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-24-3.0 Project: RVDE00226C
Sample ID: 768430010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.186	0.559	ug/kg	0.524	1					
1,2-Dichlorobenzene	U	ND	0.186	0.559	ug/kg	0.524	1					
1,2-Dichloroethane	U	ND	0.186	0.559	ug/kg	0.524	1					
1,2-Dichloropropane	U	ND	0.186	0.559	ug/kg	0.524	1					
1,3-Dichlorobenzene	U	ND	0.186	0.559	ug/kg	0.524	1					
1,4-Dichlorobenzene	U	ND	0.186	0.559	ug/kg	0.524	1					
1,4-Dioxane	U	ND	9.32	28.0	ug/kg	0.524	1					
2-Butanone	J	2.41	0.933	2.80	ug/kg	0.524	1					
2-Hexanone	U	ND	0.933	2.80	ug/kg	0.524	1					
4-Methyl-2-pentanone	U	ND	0.933	2.80	ug/kg	0.524	1					
Acetone		16.8	0.933	2.80	ug/kg	0.524	1					
Benzene	U	ND	0.186	0.559	ug/kg	0.524	1					
Bromochloromethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Bromodichloromethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Bromoform	U	ND	0.186	0.559	ug/kg	0.524	1					
Bromomethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Carbon disulfide		3.99	0.933	2.80	ug/kg	0.524	1					
Carbon tetrachloride	U	ND	0.186	0.559	ug/kg	0.524	1					
Chlorobenzene	U	ND	0.186	0.559	ug/kg	0.524	1					
Chloroethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Chloroform	U	ND	0.186	0.559	ug/kg	0.524	1					
Chloromethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Cyclohexane	U	ND	0.186	0.559	ug/kg	0.524	1					
Dibromochloromethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Dichlorodifluoromethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Ethylbenzene	U	ND	0.186	0.559	ug/kg	0.524	1					
Isopropylbenzene	J	0.358	0.186	0.559	ug/kg	0.524	1					
Methyl acetate	U	ND	0.933	2.80	ug/kg	0.524	1					
Methylcyclohexane	U	ND	0.186	0.559	ug/kg	0.524	1					
Methylene chloride	U	ND	0.933	2.80	ug/kg	0.524	1					
Styrene	U	ND	0.186	0.559	ug/kg	0.524	1					
Tetrachloroethylene	U	ND	0.186	0.559	ug/kg	0.524	1					
Toluene	U	ND	0.186	0.559	ug/kg	0.524	1					
Trichloroethylene	U	ND	0.186	0.559	ug/kg	0.524	1					
Trichlorofluoromethane	U	ND	0.186	0.559	ug/kg	0.524	1					
Trichlorotrifluoroethane	U	ND	0.933	2.80	ug/kg	0.524	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-24-3.0 Project: RVDE00226C
Sample ID: 768430010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.186	0.559	ug/kg	0.524	1					
cis-1,2-Dichloroethylene	U	ND	0.186	0.559	ug/kg	0.524	1					
cis-1,3-Dichloropropylene	U	ND	0.186	0.559	ug/kg	0.524	1					
m,p-Xylenes	U	ND	0.373	1.12	ug/kg	0.524	1					
o-Xylene	U	ND	0.186	0.559	ug/kg	0.524	1					
tert-Butyl methyl ether	U	ND	0.186	0.559	ug/kg	0.524	1					
trans-1,2-Dichloroethylene	U	ND	0.186	0.559	ug/kg	0.524	1					
trans-1,3-Dichloropropylene	U	ND	0.186	0.559	ug/kg	0.524	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942
SW846 5035	5035 Prep	PXY1	03/13/26	1225	2968092
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	1760	72	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1430 ug/kg	1760	81	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1410 ug/kg	1760	80	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2840 ug/kg	3530	80	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2850 ug/kg	3530	81	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2670 ug/kg	3530	76	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	26.6 ug/kg	50.0	95	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	30.1 ug/kg	50.0	108	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	27.6 ug/kg	50.0	99	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-24-3.0	Project:	RVDE00226C
Sample ID:	768430010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-1.0
Sample ID: 768430011
Matrix: Soil
Collect Date: 13-MAR-26 13:05
Receive Date: 13-MAR-26
Collector: Client
Moisture: 6.89%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	9.63	7.42	22.1	ug/kg	103	1	PB1	03/17/26	1158	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3270000	6790	20000	ug/kg	92.9	1	EM2	03/17/26	1832	2961773	2
Antimony	J	453	329	2000	ug/kg	92.9	1					
Arsenic	U	ND	499	2990	ug/kg	92.9	1					
Barium		9170	99.8	499	ug/kg	92.9	1					
Beryllium	U	ND	99.8	499	ug/kg	92.9	1					
Cadmium	U	ND	99.8	499	ug/kg	92.9	1					
Chromium		2760	150	998	ug/kg	92.9	1					
Cobalt	J	329	150	499	ug/kg	92.9	1					
Copper	J	409	299	2000	ug/kg	92.9	1					
Iron		2170000	7990	25000	ug/kg	92.9	1					
Lead	J	1760	329	2000	ug/kg	92.9	1					
Magnesium		93300	8480	29900	ug/kg	92.9	1					
Manganese		6140	200	998	ug/kg	92.9	1					
Nickel		821	150	499	ug/kg	92.9	1					
Potassium		111000	6390	25000	ug/kg	92.9	1					
Selenium	U	ND	499	2990	ug/kg	92.9	1					
Silver	U	ND	99.8	499	ug/kg	92.9	1					
Sodium	J	10300	6990	25000	ug/kg	92.9	1					
Thallium	U	ND	499	2000	ug/kg	92.9	1					
Vanadium		4050	99.8	499	ug/kg	92.9	1					
Zinc	J	1450	399	2000	ug/kg	92.9	1					
Calcium		123000	7990	25000	ug/kg	92.9	1	EM2	03/19/26	1738	2961773	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	106	353	ug/kg	0.0329	1	LL2	03/17/26	1827	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	106	353	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	106	353	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	106	353	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	106	353	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	106	353	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	106	353	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	106	707	ug/kg	0.0329	1					

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-1.0 Project: RVDE00226C
Sample ID: 768430011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	106	353	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	106	353	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.6	35.3	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	106	353	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	106	353	ug/kg	0.0329	1					
2-Methylnaphthalene		39.2	10.6	35.3	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	106	353	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	106	353	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	106	353	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	141	353	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	106	353	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	106	353	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	106	353	ug/kg	0.0329	1					
Acenaphthene	J	12.0	10.6	35.3	ug/kg	0.0329	1					
Acenaphthylene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Acetophenone	U	ND	106	353	ug/kg	0.0329	1					
Anthracene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Atrazine	U	ND	141	353	ug/kg	0.0329	1					
Benzaldehyde	U	ND	106	353	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	10.6	35.3	ug/kg	0.0329	1					
Carbazole	U	ND	10.6	35.3	ug/kg	0.0329	1					
Chrysene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.6	35.3	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.6	35.3	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Dibenzofuran	U	ND	106	353	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.6	35.3	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	10.6	35.3	ug/kg	0.0329	1					
Diphenylamine	U	ND	106	353	ug/kg	0.0329	1					
Fluoranthene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Fluorene		42.4	10.6	35.3	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-1.0 Project: RVDE00226C
Sample ID: 768430011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	106	353	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	106	353	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	106	353	ug/kg	0.0329	1					
Hexachloroethane	U	ND	106	353	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Isophorone	U	ND	106	353	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	106	353	ug/kg	0.0329	1					
Naphthalene	U	ND	10.6	35.3	ug/kg	0.0329	1					
Nitrobenzene	U	ND	106	353	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	106	353	ug/kg	0.0329	1					
Phenanthrene		57.6	10.6	35.3	ug/kg	0.0329	1					
Phenol	U	ND	106	353	ug/kg	0.0329	1					
Pyrene	U	ND	10.6	35.3	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	106	353	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	106	353	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	106	353	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.6	35.3	ug/kg	0.0329	1					
m,p-Cresols	U	ND	106	353	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	106	353	ug/kg	0.0329	1					
o-Cresol	U	ND	106	353	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	117	353	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	106	353	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.154	0.102	0.256	mg/kg	23.8	1	BR2	03/27/26	1339	2962943	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-06-1.0	Project:	RVDE00226C
Sample ID:	768430011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1220 ug/kg	1770	69	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1300 ug/kg	1770	74	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1470 ug/kg	1770	83	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2780 ug/kg	3530	79	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2840 ug/kg	3530	80	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2660 ug/kg	3530	75	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-4.0
Sample ID: 768430012
Matrix: Soil
Collect Date: 13-MAR-26 13:10
Receive Date: 13-MAR-26
Collector: Client
Moisture: 11.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	12.1	8.16	24.4	ug/kg	108	1	PB1	03/17/26	1200	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2350000	7470	22000	ug/kg	97.7	1	EM2	03/17/26	1834	2961773	2
Antimony	J	485	362	2200	ug/kg	97.7	1					
Arsenic	J	998	549	3300	ug/kg	97.7	1					
Barium		6640	110	549	ug/kg	97.7	1					
Beryllium	U	ND	110	549	ug/kg	97.7	1					
Cadmium	U	ND	110	549	ug/kg	97.7	1					
Chromium		3650	165	1100	ug/kg	97.7	1					
Cobalt	J	175	165	549	ug/kg	97.7	1					
Copper	J	480	330	2200	ug/kg	97.7	1					
Iron		2290000	8790	27500	ug/kg	97.7	1					
Lead		2690	362	2200	ug/kg	97.7	1					
Magnesium		52000	9340	33000	ug/kg	97.7	1					
Manganese		4890	220	1100	ug/kg	97.7	1					
Nickel	J	527	165	549	ug/kg	97.7	1					
Potassium		61900	7030	27500	ug/kg	97.7	1					
Selenium	U	ND	549	3300	ug/kg	97.7	1					
Silver	U	ND	110	549	ug/kg	97.7	1					
Sodium	U	ND	7690	27500	ug/kg	97.7	1					
Thallium	U	ND	549	2200	ug/kg	97.7	1					
Vanadium		5390	110	549	ug/kg	97.7	1					
Zinc	J	991	439	2200	ug/kg	97.7	1					
Calcium		136000	8790	27500	ug/kg	97.7	1	EM2	03/19/26	1741	2961773	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	2240	7460	ug/kg	0.0332	20	NM1	03/24/26	1740	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	2240	7460	ug/kg	0.0332	20					
2,3,4,6-Tetrachlorophenol	U	ND	2240	7460	ug/kg	0.0332	20					
2,4,5-Trichlorophenol	U	ND	2240	7460	ug/kg	0.0332	20					
2,4,6-Trichlorophenol	U	ND	2240	7460	ug/kg	0.0332	20					
2,4-Dichlorophenol	U	ND	2240	7460	ug/kg	0.0332	20					
2,4-Dimethylphenol	U	ND	2240	7460	ug/kg	0.0332	20					
2,4-Dinitrophenol	U	ND	2240	14900	ug/kg	0.0332	20					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-4.0 Project: RVDE00226C
Sample ID: 768430012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	2240	7460	ug/kg	0.0332	20					
2,6-Dinitrotoluene	U	ND	2240	7460	ug/kg	0.0332	20					
2-Chloronaphthalene	U	ND	224	746	ug/kg	0.0332	20					
2-Chlorophenol	U	ND	2240	7460	ug/kg	0.0332	20					
2-Methyl-4,6-dinitrophenol	U	ND	2240	7460	ug/kg	0.0332	20					
2-Methylnaphthalene		63900	224	746	ug/kg	0.0332	20					
2-Nitrophenol	U	ND	2240	7460	ug/kg	0.0332	20					
3,3'-Dichlorobenzidine	U	ND	2240	7460	ug/kg	0.0332	20					
4-Bromophenylphenylether	U	ND	2240	7460	ug/kg	0.0332	20					
4-Chloro-3-methylphenol	U	ND	2980	7460	ug/kg	0.0332	20					
4-Chloroaniline	U	ND	2240	7460	ug/kg	0.0332	20					
4-Chlorophenylphenylether	U	ND	2240	7460	ug/kg	0.0332	20					
4-Nitrophenol	U	ND	2240	7460	ug/kg	0.0332	20					
Acenaphthene	U	ND	224	746	ug/kg	0.0332	20					
Acenaphthylene	U	ND	224	746	ug/kg	0.0332	20					
Acetophenone	U	ND	2240	7460	ug/kg	0.0332	20					
Anthracene	U	ND	224	746	ug/kg	0.0332	20					
Atrazine	U	ND	2980	7460	ug/kg	0.0332	20					
Benzaldehyde	U	ND	2240	7460	ug/kg	0.0332	20					
Benzo(a)anthracene	J	559	224	746	ug/kg	0.0332	20					
Benzo(a)pyrene	J	276	224	746	ug/kg	0.0332	20					
Benzo(b)fluoranthene	J	373	224	746	ug/kg	0.0332	20					
Benzo(ghi)perylene	U	ND	224	746	ug/kg	0.0332	20					
Benzo(k)fluoranthene	U	ND	224	746	ug/kg	0.0332	20					
Butylbenzylphthalate	U	ND	224	746	ug/kg	0.0332	20					
Carbazole	U	ND	224	746	ug/kg	0.0332	20					
Chrysene	J	425	224	746	ug/kg	0.0332	20					
Di-n-butylphthalate	U	ND	224	746	ug/kg	0.0332	20					
Di-n-octylphthalate	U	ND	224	746	ug/kg	0.0332	20					
Dibenzo(a,h)anthracene	U	ND	224	746	ug/kg	0.0332	20					
Dibenzofuran	U	ND	2240	7460	ug/kg	0.0332	20					
Diethylphthalate	U	ND	224	746	ug/kg	0.0332	20					
Dimethylphthalate	U	ND	224	746	ug/kg	0.0332	20					
Diphenylamine	U	ND	2240	7460	ug/kg	0.0332	20					
Fluoranthene		1930	224	746	ug/kg	0.0332	20					
Fluorene		12400	224	746	ug/kg	0.0332	20					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-4.0 Project: RVDE00226C
Sample ID: 768430012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	2240	7460	ug/kg	0.0332	20					
Hexachlorobutadiene	U	ND	2240	7460	ug/kg	0.0332	20					
Hexachlorocyclopentadiene	U	ND	2240	7460	ug/kg	0.0332	20					
Hexachloroethane	U	ND	2240	7460	ug/kg	0.0332	20					
Indeno(1,2,3-cd)pyrene	U	ND	224	746	ug/kg	0.0332	20					
Isophorone	U	ND	2240	7460	ug/kg	0.0332	20					
N-Nitrosodipropylamine	U	ND	2240	7460	ug/kg	0.0332	20					
Naphthalene	U	ND	224	746	ug/kg	0.0332	20					
Nitrobenzene	U	ND	2240	7460	ug/kg	0.0332	20					
Pentachlorophenol	U	ND	2240	7460	ug/kg	0.0332	20					
Phenanthrene		22200	224	746	ug/kg	0.0332	20					
Phenol	U	ND	2240	7460	ug/kg	0.0332	20					
Pyrene		1950	224	746	ug/kg	0.0332	20					
bis(2-Chloro-1-methylethyl)ether	U	ND	2240	7460	ug/kg	0.0332	20					
bis(2-Chloroethoxy)methane	U	ND	2240	7460	ug/kg	0.0332	20					
bis(2-Chloroethyl) ether	U	ND	2240	7460	ug/kg	0.0332	20					
bis(2-Ethylhexyl)phthalate	J	425	224	746	ug/kg	0.0332	20					
m,p-Cresols	U	ND	2240	7460	ug/kg	0.0332	20					
m-Nitroaniline	U	ND	2240	7460	ug/kg	0.0332	20					
o-Cresol	U	ND	2240	7460	ug/kg	0.0332	20					
o-Nitroaniline	U	ND	2460	7460	ug/kg	0.0332	20					
p-Nitroaniline	U	ND	2240	7460	ug/kg	0.0332	20					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.105	0.263	mg/kg	23.4	1	BR2	03/27/26	1339	2962943	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	37.5	112	ug/kg	2.00	50	PXY1	03/26/26	1956	2968103	6
1,1,2,2-Tetrachloroethane	U	ND	37.5	112	ug/kg	2.00	50					
1,1,2-Trichloroethane	U	ND	37.5	112	ug/kg	2.00	50					
1,1-Dichloroethane	U	ND	37.5	112	ug/kg	2.00	50					
1,1-Dichloroethylene	U	ND	37.5	112	ug/kg	2.00	50					
1,2,3-Trichlorobenzene	U	ND	37.5	112	ug/kg	2.00	50					
1,2,4-Trichlorobenzene	U	ND	37.5	112	ug/kg	2.00	50					
1,2-Dibromo-3-chloropropane	U	ND	56.2	112	ug/kg	2.00	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-4.0 Project: RVDE00226C
Sample ID: 768430012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	37.5	112	ug/kg	2.00	50					
1,2-Dichlorobenzene	U	ND	37.5	112	ug/kg	2.00	50					
1,2-Dichloroethane	U	ND	37.5	112	ug/kg	2.00	50					
1,2-Dichloropropane	U	ND	37.5	112	ug/kg	2.00	50					
1,3-Dichlorobenzene	U	ND	37.5	112	ug/kg	2.00	50					
1,4-Dichlorobenzene	U	ND	37.5	112	ug/kg	2.00	50					
1,4-Dioxane	U	ND	1870	5620	ug/kg	2.00	50					
2-Butanone	U	ND	187	562	ug/kg	2.00	50					
2-Hexanone	U	ND	187	562	ug/kg	2.00	50					
4-Methyl-2-pentanone	U	ND	187	562	ug/kg	2.00	50					
Acetone	U	ND	187	562	ug/kg	2.00	50					
Benzene	U	ND	37.5	112	ug/kg	2.00	50					
Bromochloromethane	U	ND	37.5	112	ug/kg	2.00	50					
Bromodichloromethane	U	ND	37.5	112	ug/kg	2.00	50					
Bromoform	U	ND	37.5	112	ug/kg	2.00	50					
Bromomethane	U	ND	37.5	112	ug/kg	2.00	50					
Carbon disulfide	U	ND	187	562	ug/kg	2.00	50					
Carbon tetrachloride	U	ND	37.5	112	ug/kg	2.00	50					
Chlorobenzene	U	ND	37.5	112	ug/kg	2.00	50					
Chloroethane	U	ND	37.5	112	ug/kg	2.00	50					
Chloroform	U	ND	37.5	112	ug/kg	2.00	50					
Chloromethane	U	ND	37.5	112	ug/kg	2.00	50					
Cyclohexane	U	ND	37.5	112	ug/kg	2.00	50					
Dibromochloromethane	U	ND	37.5	112	ug/kg	2.00	50					
Dichlorodifluoromethane	U	ND	37.5	112	ug/kg	2.00	50					
Ethylbenzene	U	ND	37.5	112	ug/kg	2.00	50					
Isopropylbenzene		1700	37.5	112	ug/kg	2.00	50					
Methyl acetate	U	ND	187	562	ug/kg	2.00	50					
Methylcyclohexane		1420	37.5	112	ug/kg	2.00	50					
Methylene chloride	U	ND	187	562	ug/kg	2.00	50					
Styrene	U	ND	37.5	112	ug/kg	2.00	50					
Tetrachloroethylene	U	ND	37.5	112	ug/kg	2.00	50					
Toluene	U	ND	37.5	112	ug/kg	2.00	50					
Trichloroethylene	U	ND	37.5	112	ug/kg	2.00	50					
Trichlorofluoromethane	U	ND	37.5	112	ug/kg	2.00	50					
Trichlorotrifluoroethane	U	ND	187	562	ug/kg	2.00	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-06-4.0 Project: RVDE00226C
Sample ID: 768430012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	37.5	112	ug/kg	2.00	50					
cis-1,2-Dichloroethylene	U	ND	37.5	112	ug/kg	2.00	50					
cis-1,3-Dichloropropylene	U	ND	37.5	112	ug/kg	2.00	50					
m,p-Xylenes	U	ND	75.0	225	ug/kg	2.00	50					
o-Xylene	U	ND	37.5	112	ug/kg	2.00	50					
tert-Butyl methyl ether	U	ND	37.5	112	ug/kg	2.00	50					
trans-1,2-Dichloroethylene	U	ND	37.5	112	ug/kg	2.00	50					
trans-1,3-Dichloropropylene	U	ND	37.5	112	ug/kg	2.00	50					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 5035	5035 Prep	PXY1	03/13/26	1310	2968092
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1450 ug/kg	1860	78	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	1860	75	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1450 ug/kg	1860	78	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2370 ug/kg	3730	64	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2420 ug/kg	3730	65	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2040 ug/kg	3730	55	(19%-94%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	4940 ug/kg	50.0	88	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	6790 ug/kg	50.0	121	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-06-4.0	Project:	RVDE00226C
Sample ID:	768430012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		5570	ug/kg	50.0		99	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-1.0
Sample ID: 768430013
Matrix: Soil
Collect Date: 13-MAR-26 13:25
Receive Date: 13-MAR-26
Collector: Client
Moisture: 6.27%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	79.5	238	ug/kg	44.6	1	CH9	03/24/26	1521	2962313	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	9.42	7.60	22.7	ug/kg	106	1	PB1	03/17/26	1202	2961945	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2980000	6060	17800	ug/kg	83.5	1	EM2	03/17/26	1837	2961773	3
Antimony	J	377	294	1780	ug/kg	83.5	1					
Arsenic	J	1360	445	2670	ug/kg	83.5	1					
Barium		9260	89.1	445	ug/kg	83.5	1					
Beryllium	J	93.5	89.1	445	ug/kg	83.5	1					
Cadmium	U	ND	89.1	445	ug/kg	83.5	1					
Chromium		5770	134	891	ug/kg	83.5	1					
Cobalt		488	134	445	ug/kg	83.5	1					
Copper	J	808	267	1780	ug/kg	83.5	1					
Iron		2360000	7120	22300	ug/kg	83.5	1					
Lead		1950	294	1780	ug/kg	83.5	1					
Magnesium		100000	7570	26700	ug/kg	83.5	1					
Manganese		9020	178	891	ug/kg	83.5	1					
Nickel		771	134	445	ug/kg	83.5	1					
Potassium		45400	5700	22300	ug/kg	83.5	1					
Selenium	U	ND	445	2670	ug/kg	83.5	1					
Silver	U	ND	89.1	445	ug/kg	83.5	1					
Sodium	U	ND	6230	22300	ug/kg	83.5	1					
Thallium	U	ND	445	1780	ug/kg	83.5	1					
Vanadium		5400	89.1	445	ug/kg	83.5	1					
Zinc		2770	356	1780	ug/kg	83.5	1					
Calcium		268000	7120	22300	ug/kg	83.5	1	EM2	03/19/26	1743	2961773	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	105	351	ug/kg	0.0329	1	LL2	03/17/26	1910	2961936	5
1,2,4,5-Tetrachlorobenzene	U	ND	105	351	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	105	351	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	105	351	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-16-1.0	Project:	RVDE00226C
Sample ID:	768430013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	105	351	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	105	351	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	105	351	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	105	701	ug/kg	0.0329	1					
2,4-Dinitrotoluene	U	ND	105	351	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	105	351	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.5	35.1	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	105	351	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	105	351	ug/kg	0.0329	1					
2-Methylnaphthalene	J	20.0	10.5	35.1	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	105	351	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	105	351	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	105	351	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	140	351	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	105	351	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	105	351	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	105	351	ug/kg	0.0329	1					
Acenaphthene		50.5	10.5	35.1	ug/kg	0.0329	1					
Acenaphthylene	J	12.6	10.5	35.1	ug/kg	0.0329	1					
Acetophenone	U	ND	105	351	ug/kg	0.0329	1					
Anthracene		44.5	10.5	35.1	ug/kg	0.0329	1					
Atrazine	U	ND	140	351	ug/kg	0.0329	1					
Benzaldehyde	U	ND	105	351	ug/kg	0.0329	1					
Benzo(a)anthracene		163	10.5	35.1	ug/kg	0.0329	1					
Benzo(a)pyrene		156	10.5	35.1	ug/kg	0.0329	1					
Benzo(b)fluoranthene		227	10.5	35.1	ug/kg	0.0329	1					
Benzo(ghi)perylene		105	10.5	35.1	ug/kg	0.0329	1					
Benzo(k)fluoranthene		85.6	10.5	35.1	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	10.5	35.1	ug/kg	0.0329	1					
Carbazole		36.5	10.5	35.1	ug/kg	0.0329	1					
Chrysene		171	10.5	35.1	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.5	35.1	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.5	35.1	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	J	26.7	10.5	35.1	ug/kg	0.0329	1					
Dibenzofuran	U	ND	105	351	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.5	35.1	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-1.0 Project: RVDE00226C
Sample ID: 768430013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	U	ND	10.5	35.1	ug/kg	0.0329	1					
Diphenylamine	U	ND	105	351	ug/kg	0.0329	1					
Fluoranthene		386	10.5	35.1	ug/kg	0.0329	1					
Fluorene		38.9	10.5	35.1	ug/kg	0.0329	1					
Hexachlorobenzene	U	ND	105	351	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	105	351	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	105	351	ug/kg	0.0329	1					
Hexachloroethane	U	ND	105	351	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene		115	10.5	35.1	ug/kg	0.0329	1					
Isophorone	U	ND	105	351	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	105	351	ug/kg	0.0329	1					
Naphthalene	U	ND	10.5	35.1	ug/kg	0.0329	1					
Nitrobenzene	U	ND	105	351	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	105	351	ug/kg	0.0329	1					
Phenanthrene		283	10.5	35.1	ug/kg	0.0329	1					
Phenol	U	ND	105	351	ug/kg	0.0329	1					
Pyrene		301	10.5	35.1	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	105	351	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	105	351	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	105	351	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	J	16.5	10.5	35.1	ug/kg	0.0329	1					
m,p-Cresols	U	ND	105	351	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	105	351	ug/kg	0.0329	1					
o-Cresol	U	ND	105	351	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	116	351	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	105	351	ug/kg	0.0329	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1016	U	ND	1.18	3.55	ug/kg	0.0332	1	JXM	03/27/26	1456	2968579	6
Aroclor-1221	U	ND	1.18	3.55	ug/kg	0.0332	1					
Aroclor-1232	U	ND	1.18	3.55	ug/kg	0.0332	1					
Aroclor-1242	U	ND	1.18	3.55	ug/kg	0.0332	1					
Aroclor-1248	U	ND	1.18	3.55	ug/kg	0.0332	1					
Aroclor-1254	U	ND	1.18	3.55	ug/kg	0.0332	1					
Aroclor-1260		4.94	1.18	3.55	ug/kg	0.0332	1					
Aroclor-1262	U	ND	1.18	3.55	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-1.0 Project: RVDE00226C
Sample ID: 768430013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1268	U	ND	1.18	3.55	ug/kg	0.0332	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.354	1.41	ug/kg	0.166	1	YS1	03/19/26	1104	2963510	7
4,4'-DDE	U	ND	0.354	1.41	ug/kg	0.166	1					
4,4'-DDT	U	ND	0.354	1.41	ug/kg	0.166	1					
Aldrin	U	ND	0.177	0.707	ug/kg	0.166	1					
Dieldrin	U	ND	0.354	1.41	ug/kg	0.166	1					
Endosulfan I	U	ND	0.177	0.707	ug/kg	0.166	1					
Endosulfan II	U	ND	0.354	1.41	ug/kg	0.166	1					
Endosulfan sulfate	U	ND	0.354	1.41	ug/kg	0.166	1					
Endrin	U	ND	0.354	1.41	ug/kg	0.166	1					
Endrin aldehyde	U	ND	0.354	1.41	ug/kg	0.166	1					
Endrin ketone	U	ND	0.354	1.41	ug/kg	0.166	1					
Heptachlor	U	ND	0.177	0.707	ug/kg	0.166	1					
Heptachlor epoxide	U	ND	0.177	0.707	ug/kg	0.166	1					
Methoxychlor	U	ND	1.77	7.07	ug/kg	0.166	1					
Toxaphene	U	ND	5.89	17.7	ug/kg	0.166	1					
alpha-BHC	U	ND	0.177	0.707	ug/kg	0.166	1					
beta-BHC	U	ND	0.177	0.707	ug/kg	0.166	1					
cis-Chlordane	U	ND	0.177	0.707	ug/kg	0.166	1					
delta-BHC	U	ND	0.177	0.707	ug/kg	0.166	1					
gamma-BHC (Lindane)	U	ND	0.177	0.707	ug/kg	0.166	1					
trans-Chlordane	J	0.226	0.177	0.707	ug/kg	0.166	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.153	0.125	0.312	mg/kg	29.2	1	BR2	03/27/26	1339	2962943	8

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/20/26	0731	2964592
SW846 9010C Distillation	SW846 9010C Prep	GP1	03/24/26	1411	2962311
SW846 3541	Prep Method 3541 PCB Prep Soil	DS5	03/27/26	0704	2968578
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-1.0 Project: RVDE00226C
Sample ID: 768430013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
SW846 3541		Prep Method 3541 8081B Prep Soil		DS5	03/19/26		0730	2963508			
SW846 3050B		SW846 3050B Prep		JB7	03/16/26		1600	2961772			
SW846 3541		Prep Method 3541 8270E BNA for Soil		CB1	03/17/26		0649	2961935			

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 3541/8082A	
7	SW846 3541/8081B	
8	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1210 ug/kg	1750	69	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1340 ug/kg	1750	76	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1460 ug/kg	1750	83	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2820 ug/kg	3510	81	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2780 ug/kg	3510	79	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2620 ug/kg	3510	75	(19%-94%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.22 ug/kg	7.09	45	(24%-118%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.86 ug/kg	7.09	54	(31%-138%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	24.2 ug/kg	35.4	68	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	21.7 ug/kg	35.4	61	(26%-130%)

Notes:

Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-16-1.0	Project:	RVDE00226C
Sample ID:	768430013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:
DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-3.0
Sample ID: 768430014
Matrix: Soil
Collect Date: 13-MAR-26 13:30
Receive Date: 13-MAR-26
Collector: Client
Moisture: 11.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	94.0	281	ug/kg	50.0	1	CH9	03/24/26	1528	2962313	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	11.2	8.22	24.6	ug/kg	109	1	PB1	03/17/26	1203	2961945	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		6730000	7150	21000	ug/kg	93.5	1	EM2	03/17/26	1839	2961773	3
Antimony	J	411	347	2100	ug/kg	93.5	1					
Arsenic	J	882	526	3150	ug/kg	93.5	1					
Barium		12700	105	526	ug/kg	93.5	1					
Beryllium	J	150	105	526	ug/kg	93.5	1					
Cadmium	U	ND	105	526	ug/kg	93.5	1					
Chromium		6380	158	1050	ug/kg	93.5	1					
Cobalt		1250	158	526	ug/kg	93.5	1					
Copper	J	726	315	2100	ug/kg	93.5	1					
Iron		4220000	8410	26300	ug/kg	93.5	1					
Lead		2440	347	2100	ug/kg	93.5	1					
Magnesium		204000	8940	31500	ug/kg	93.5	1					
Manganese		9210	210	1050	ug/kg	93.5	1					
Nickel		1490	158	526	ug/kg	93.5	1					
Potassium		70200	6730	26300	ug/kg	93.5	1					
Selenium	U	ND	526	3150	ug/kg	93.5	1					
Silver	U	ND	105	526	ug/kg	93.5	1					
Sodium	U	ND	7360	26300	ug/kg	93.5	1					
Thallium	U	ND	526	2100	ug/kg	93.5	1					
Vanadium		7150	105	526	ug/kg	93.5	1					
Zinc		4090	421	2100	ug/kg	93.5	1					
Calcium		413000	8410	26300	ug/kg	93.5	1	EM2	03/19/26	1751	2961773	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	375	ug/kg	0.0333	1	LL2	03/17/26	1931	2961936	5
1,2,4,5-Tetrachlorobenzene	U	ND	112	375	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	375	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	112	375	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-3.0 Project: RVDE00226C
Sample ID: 768430014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	112	375	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	112	375	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	112	375	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	112	749	ug/kg	0.0333	1					
2,4-Dinitrotoluene	U	ND	112	375	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	112	375	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.2	37.5	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	112	375	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	375	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	11.2	37.5	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	112	375	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	112	375	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	112	375	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	150	375	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	112	375	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	112	375	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	112	375	ug/kg	0.0333	1					
Acenaphthene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Acenaphthylene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Acetophenone	U	ND	112	375	ug/kg	0.0333	1					
Anthracene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Atrazine	U	ND	150	375	ug/kg	0.0333	1					
Benzaldehyde	U	ND	112	375	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.2	37.5	ug/kg	0.0333	1					
Carbazole	U	ND	11.2	37.5	ug/kg	0.0333	1					
Chrysene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	11.2	37.5	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	11.2	37.5	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Dibenzofuran	U	ND	112	375	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.2	37.5	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-3.0 Project: RVDE00226C
Sample ID: 768430014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	U	ND	11.2	37.5	ug/kg	0.0333	1					
Diphenylamine	U	ND	112	375	ug/kg	0.0333	1					
Fluoranthene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Fluorene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Hexachlorobenzene	U	ND	112	375	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	112	375	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	112	375	ug/kg	0.0333	1					
Hexachloroethane	U	ND	112	375	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Isophorone	U	ND	112	375	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	112	375	ug/kg	0.0333	1					
Naphthalene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Nitrobenzene	U	ND	112	375	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	112	375	ug/kg	0.0333	1					
Phenanthrene	U	ND	11.2	37.5	ug/kg	0.0333	1					
Phenol	U	ND	112	375	ug/kg	0.0333	1					
Pyrene	U	ND	11.2	37.5	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	375	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	112	375	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	112	375	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.2	37.5	ug/kg	0.0333	1					
m,p-Cresols	U	ND	112	375	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	112	375	ug/kg	0.0333	1					
o-Cresol	U	ND	112	375	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	124	375	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	112	375	ug/kg	0.0333	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1260		3.91	1.24	3.74	ug/kg	0.0332	1	JXM	03/27/26	1512	2968579	6
Aroclor-1016	U	ND	1.24	3.74	ug/kg	0.0332	1	JXM	03/27/26	1512	2968579	7
Aroclor-1221	U	ND	1.24	3.74	ug/kg	0.0332	1					
Aroclor-1232	U	ND	1.24	3.74	ug/kg	0.0332	1					
Aroclor-1242	U	ND	1.24	3.74	ug/kg	0.0332	1					
Aroclor-1248	U	ND	1.24	3.74	ug/kg	0.0332	1					
Aroclor-1254	U	ND	1.24	3.74	ug/kg	0.0332	1					
Aroclor-1262	U	ND	1.24	3.74	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-3.0 Project: RVDE00226C
Sample ID: 768430014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1268	U	ND	1.24	3.74	ug/kg	0.0332	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.373	1.49	ug/kg	0.166	1	YS1	03/19/26	1211	2963510	8
4,4'-DDE	U	ND	0.373	1.49	ug/kg	0.166	1					
4,4'-DDT	U	ND	0.373	1.49	ug/kg	0.166	1					
Aldrin	U	ND	0.187	0.747	ug/kg	0.166	1					
Dieldrin	U	ND	0.373	1.49	ug/kg	0.166	1					
Endosulfan I	U	ND	0.187	0.747	ug/kg	0.166	1					
Endosulfan II	U	ND	0.373	1.49	ug/kg	0.166	1					
Endosulfan sulfate	U	ND	0.373	1.49	ug/kg	0.166	1					
Endrin	U	ND	0.373	1.49	ug/kg	0.166	1					
Endrin aldehyde	U	ND	0.373	1.49	ug/kg	0.166	1					
Endrin ketone	U	ND	0.373	1.49	ug/kg	0.166	1					
Heptachlor	U	ND	0.187	0.747	ug/kg	0.166	1					
Heptachlor epoxide	U	ND	0.187	0.747	ug/kg	0.166	1					
Methoxychlor	U	ND	1.87	7.47	ug/kg	0.166	1					
Toxaphene	U	ND	6.22	18.7	ug/kg	0.166	1					
alpha-BHC	U	ND	0.187	0.747	ug/kg	0.166	1					
beta-BHC	U	ND	0.187	0.747	ug/kg	0.166	1					
cis-Chlordane	U	ND	0.187	0.747	ug/kg	0.166	1					
delta-BHC	U	ND	0.187	0.747	ug/kg	0.166	1					
gamma-BHC (Lindane)	U	ND	0.187	0.747	ug/kg	0.166	1					
trans-Chlordane	U	ND	0.187	0.747	ug/kg	0.166	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.267	0.149	0.372	mg/kg	33.0	1	BR2	03/27/26	1339	2962943	10
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.668	2.01	ug/kg	1.78	1	PXY1	03/26/26	1901	2968103	11
1,1,2,2-Tetrachloroethane	U	ND	0.668	2.01	ug/kg	1.78	1					
1,1,2-Trichloroethane	U	ND	0.668	2.01	ug/kg	1.78	1					
1,1-Dichloroethane	U	ND	0.668	2.01	ug/kg	1.78	1					
1,1-Dichloroethylene	U	ND	0.668	2.01	ug/kg	1.78	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-3.0 Project: RVDE00226C
Sample ID: 768430014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2,3-Trichlorobenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
1,2,4-Trichlorobenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
1,2-Dibromo-3-chloropropane	U	ND	1.00	2.01	ug/kg	1.78	1					
1,2-Dibromoethane	U	ND	0.668	2.01	ug/kg	1.78	1					
1,2-Dichlorobenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
1,2-Dichloroethane	U	ND	0.668	2.01	ug/kg	1.78	1					
1,2-Dichloropropane	U	ND	0.668	2.01	ug/kg	1.78	1					
1,3-Dichlorobenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
1,4-Dichlorobenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
1,4-Dioxane	U	ND	33.4	100	ug/kg	1.78	1					
2-Butanone	U	ND	3.34	10.0	ug/kg	1.78	1					
2-Hexanone	U	ND	3.34	10.0	ug/kg	1.78	1					
4-Methyl-2-pentanone	U	ND	3.34	10.0	ug/kg	1.78	1					
Acetone	U	ND	3.34	10.0	ug/kg	1.78	1					
Benzene	U	ND	0.668	2.01	ug/kg	1.78	1					
Bromochloromethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Bromodichloromethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Bromoform	U	ND	0.668	2.01	ug/kg	1.78	1					
Bromomethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Carbon disulfide	U	ND	3.34	10.0	ug/kg	1.78	1					
Carbon tetrachloride	U	ND	0.668	2.01	ug/kg	1.78	1					
Chlorobenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
Chloroethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Chloroform	U	ND	0.668	2.01	ug/kg	1.78	1					
Chloromethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Cyclohexane	J	0.782	0.668	2.01	ug/kg	1.78	1					
Dibromochloromethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Dichlorodifluoromethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Ethylbenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
Isopropylbenzene	U	ND	0.668	2.01	ug/kg	1.78	1					
Methyl acetate	U	ND	3.34	10.0	ug/kg	1.78	1					
Methylcyclohexane	U	ND	0.668	2.01	ug/kg	1.78	1					
Methylene chloride	U	ND	3.34	10.0	ug/kg	1.78	1					
Styrene	U	ND	0.668	2.01	ug/kg	1.78	1					
Tetrachloroethylene	U	ND	0.668	2.01	ug/kg	1.78	1					
Toluene	U	ND	0.668	2.01	ug/kg	1.78	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-16-3.0 Project: RVDE00226C
Sample ID: 768430014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Trichloroethylene	U	ND	0.668	2.01	ug/kg	1.78	1					
Trichlorofluoromethane	U	ND	0.668	2.01	ug/kg	1.78	1					
Trichlorotrifluoroethane	U	ND	3.34	10.0	ug/kg	1.78	1					
Vinyl chloride	U	ND	0.668	2.01	ug/kg	1.78	1					
cis-1,2-Dichloroethylene	U	ND	0.668	2.01	ug/kg	1.78	1					
cis-1,3-Dichloropropylene	U	ND	0.668	2.01	ug/kg	1.78	1					
m,p-Xylenes	U	ND	1.34	4.01	ug/kg	1.78	1					
o-Xylene	U	ND	0.668	2.01	ug/kg	1.78	1					
tert-Butyl methyl ether	U	ND	0.668	2.01	ug/kg	1.78	1					
trans-1,2-Dichloroethylene	U	ND	0.668	2.01	ug/kg	1.78	1					
trans-1,3-Dichloropropylene	U	ND	0.668	2.01	ug/kg	1.78	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/20/26	0731	2964592
SW846 9010C Distillation	SW846 9010C Prep	GP1	03/24/26	1411	2962311
SW846 3541	Prep Method 3541 8081B Prep Soil	DS5	03/19/26	0730	2963508
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3541	Prep Method 3541 PCB Prep Soil	DS5	03/27/26	0704	2968578
SW846 5035	5035 Prep	PXY1	03/13/26	1330	2968092

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-16-3.0	Project:	RVDE00226C
Sample ID:	768430014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 3541/8082A	
7	SW846 3541/8082A	
8	SW846 3541/8081B	
9	SW846 3541/8081B	
10	SW846 7196A	
11	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1240 ug/kg	1870	66	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	1870	74	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1490 ug/kg	1870	79	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2530 ug/kg	3750	67	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2970 ug/kg	3750	79	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2720 ug/kg	3750	73	(19%-94%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.23 ug/kg	7.47	43	(24%-118%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.00 ug/kg	7.47	54	(31%-138%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	29.6 ug/kg	37.3	79	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	28.0 ug/kg	37.3	75	(26%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	105 ug/kg	50.0	105	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	93.6 ug/kg	50.0	93	(67%-136%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight Corrected"	95.0 ug/kg	50.0	95	(79%-122%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-16-3.0	Project:	RVDE00226C
Sample ID:	768430014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-1.0
Sample ID: 768430015
Matrix: Soil
Collect Date: 13-MAR-26 14:10
Receive Date: 13-MAR-26
Collector: Client
Moisture: 9.53%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	14.8	7.91	23.6	ug/kg	107	1	PB1	03/17/26	1205	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		5650000	6320	18600	ug/kg	84.0	1	EM2	03/17/26	1841	2961773	2
Antimony	U	ND	307	1860	ug/kg	84.0	1					
Arsenic	J	986	464	2790	ug/kg	84.0	1					
Barium		13200	92.9	464	ug/kg	84.0	1					
Beryllium	J	161	92.9	464	ug/kg	84.0	1					
Cadmium	U	ND	92.9	464	ug/kg	84.0	1					
Chromium		86100	139	929	ug/kg	84.0	1					
Cobalt		1460	139	464	ug/kg	84.0	1					
Copper		2750	279	1860	ug/kg	84.0	1					
Iron		2270000	7430	23200	ug/kg	84.0	1					
Lead		3440	307	1860	ug/kg	84.0	1					
Magnesium		139000	7900	27900	ug/kg	84.0	1					
Manganese		7930	186	929	ug/kg	84.0	1					
Nickel		1680	139	464	ug/kg	84.0	1					
Potassium		75100	5940	23200	ug/kg	84.0	1					
Selenium	U	ND	464	2790	ug/kg	84.0	1					
Silver	U	ND	92.9	464	ug/kg	84.0	1					
Sodium	J	8550	6500	23200	ug/kg	84.0	1					
Thallium	U	ND	464	1860	ug/kg	84.0	1					
Vanadium		7090	92.9	464	ug/kg	84.0	1					
Zinc		10000	372	1860	ug/kg	84.0	1					
Calcium		462000	7430	23200	ug/kg	84.0	1	EM2	03/19/26	1754	2961773	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	1100	3670	ug/kg	0.0332	10	NM1	03/24/26	1801	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	1100	3670	ug/kg	0.0332	10					
2,3,4,6-Tetrachlorophenol	U	ND	1100	3670	ug/kg	0.0332	10					
2,4,5-Trichlorophenol	U	ND	1100	3670	ug/kg	0.0332	10					
2,4,6-Trichlorophenol	U	ND	1100	3670	ug/kg	0.0332	10					
2,4-Dichlorophenol	U	ND	1100	3670	ug/kg	0.0332	10					
2,4-Dimethylphenol	U	ND	1100	3670	ug/kg	0.0332	10					
2,4-Dinitrophenol	U	ND	1100	7330	ug/kg	0.0332	10					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-1.0 Project: RVDE00226C
Sample ID: 768430015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	1100	3670	ug/kg	0.0332	10					
2,6-Dinitrotoluene	U	ND	1100	3670	ug/kg	0.0332	10					
2-Chloronaphthalene	U	ND	110	367	ug/kg	0.0332	10					
2-Chlorophenol	U	ND	1100	3670	ug/kg	0.0332	10					
2-Methyl-4,6-dinitrophenol	U	ND	1100	3670	ug/kg	0.0332	10					
2-Methylnaphthalene		697	110	367	ug/kg	0.0332	10					
2-Nitrophenol	U	ND	1100	3670	ug/kg	0.0332	10					
3,3'-Dichlorobenzidine	U	ND	1100	3670	ug/kg	0.0332	10					
4-Bromophenylphenylether	U	ND	1100	3670	ug/kg	0.0332	10					
4-Chloro-3-methylphenol	U	ND	1470	3670	ug/kg	0.0332	10					
4-Chloroaniline	U	ND	1100	3670	ug/kg	0.0332	10					
4-Chlorophenylphenylether	U	ND	1100	3670	ug/kg	0.0332	10					
4-Nitrophenol	U	ND	1100	3670	ug/kg	0.0332	10					
Acenaphthene	U	ND	110	367	ug/kg	0.0332	10					
Acenaphthylene	U	ND	110	367	ug/kg	0.0332	10					
Acetophenone	U	ND	1100	3670	ug/kg	0.0332	10					
Anthracene	U	ND	110	367	ug/kg	0.0332	10					
Atrazine	U	ND	1470	3670	ug/kg	0.0332	10					
Benzaldehyde	U	ND	1100	3670	ug/kg	0.0332	10					
Benzo(a)anthracene	U	ND	110	367	ug/kg	0.0332	10					
Benzo(a)pyrene	U	ND	110	367	ug/kg	0.0332	10					
Benzo(b)fluoranthene	U	ND	110	367	ug/kg	0.0332	10					
Benzo(ghi)perylene	U	ND	110	367	ug/kg	0.0332	10					
Benzo(k)fluoranthene	U	ND	110	367	ug/kg	0.0332	10					
Butylbenzylphthalate	U	ND	110	367	ug/kg	0.0332	10					
Carbazole	U	ND	110	367	ug/kg	0.0332	10					
Chrysene	U	ND	110	367	ug/kg	0.0332	10					
Di-n-butylphthalate	U	ND	110	367	ug/kg	0.0332	10					
Di-n-octylphthalate	U	ND	110	367	ug/kg	0.0332	10					
Dibenzo(a,h)anthracene	U	ND	110	367	ug/kg	0.0332	10					
Dibenzofuran	U	ND	1100	3670	ug/kg	0.0332	10					
Diethylphthalate	U	ND	110	367	ug/kg	0.0332	10					
Dimethylphthalate	U	ND	110	367	ug/kg	0.0332	10					
Diphenylamine	U	ND	1100	3670	ug/kg	0.0332	10					
Fluoranthene	J	260	110	367	ug/kg	0.0332	10					
Fluorene		2870	110	367	ug/kg	0.0332	10					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-1.0 Project: RVDE00226C
Sample ID: 768430015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	1100	3670	ug/kg	0.0332	10					
Hexachlorobutadiene	U	ND	1100	3670	ug/kg	0.0332	10					
Hexachlorocyclopentadiene	U	ND	1100	3670	ug/kg	0.0332	10					
Hexachloroethane	U	ND	1100	3670	ug/kg	0.0332	10					
Indeno(1,2,3-cd)pyrene	U	ND	110	367	ug/kg	0.0332	10					
Isophorone	U	ND	1100	3670	ug/kg	0.0332	10					
N-Nitrosodipropylamine	U	ND	1100	3670	ug/kg	0.0332	10					
Naphthalene	U	ND	110	367	ug/kg	0.0332	10					
Nitrobenzene	U	ND	1100	3670	ug/kg	0.0332	10					
Pentachlorophenol	U	ND	1100	3670	ug/kg	0.0332	10					
Phenanthrene		6750	110	367	ug/kg	0.0332	10					
Phenol	U	ND	1100	3670	ug/kg	0.0332	10					
Pyrene	J	286	110	367	ug/kg	0.0332	10					
bis(2-Chloro-1-methylethyl)ether	U	ND	1100	3670	ug/kg	0.0332	10					
bis(2-Chloroethoxy)methane	U	ND	1100	3670	ug/kg	0.0332	10					
bis(2-Chloroethyl) ether	U	ND	1100	3670	ug/kg	0.0332	10					
bis(2-Ethylhexyl)phthalate	J	136	110	367	ug/kg	0.0332	10					
m,p-Cresols	U	ND	1100	3670	ug/kg	0.0332	10					
m-Nitroaniline	U	ND	1100	3670	ug/kg	0.0332	10					
o-Cresol	U	ND	1100	3670	ug/kg	0.0332	10					
o-Nitroaniline	U	ND	1210	3670	ug/kg	0.0332	10					
p-Nitroaniline	U	ND	1100	3670	ug/kg	0.0332	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		1.01	0.114	0.284	mg/kg	25.7	1	BR2	03/27/26	1339	2962943	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-05-1.0	Project:	RVDE00226C
Sample ID:	768430015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1340 ug/kg	1830	73	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1830	71	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1350 ug/kg	1830	73	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2400 ug/kg	3670	65	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2470 ug/kg	3670	68	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2300 ug/kg	3670	63	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-3.0
Sample ID: 768430016
Matrix: Soil
Collect Date: 13-MAR-26 14:15
Receive Date: 13-MAR-26
Collector: Client
Moisture: 16.4%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		36.4	8.59	25.6	ug/kg	107	1	PB1	03/17/26	1207	2961945	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		11200000	6810	20000	ug/kg	83.8	1	EM2	03/17/26	1844	2961773	2
Antimony	U	ND	331	2000	ug/kg	83.8	1					
Arsenic		4270	501	3010	ug/kg	83.8	1					
Barium		17600	100	501	ug/kg	83.8	1					
Beryllium	J	114	100	501	ug/kg	83.8	1					
Cadmium	U	ND	100	501	ug/kg	83.8	1					
Chromium		16400	150	1000	ug/kg	83.8	1					
Cobalt		539	150	501	ug/kg	83.8	1					
Copper		2680	301	2000	ug/kg	83.8	1					
Iron		15000000	8010	25000	ug/kg	83.8	1					
Lead		6230	331	2000	ug/kg	83.8	1					
Magnesium		305000	8510	30100	ug/kg	83.8	1					
Manganese		9280	200	1000	ug/kg	83.8	1					
Nickel		1590	150	501	ug/kg	83.8	1					
Potassium		215000	6410	25000	ug/kg	83.8	1					
Selenium	J	1030	501	3010	ug/kg	83.8	1					
Silver	U	ND	100	501	ug/kg	83.8	1					
Sodium		30500	7010	25000	ug/kg	83.8	1					
Thallium	U	ND	501	2000	ug/kg	83.8	1					
Vanadium		35500	100	501	ug/kg	83.8	1					
Zinc		4800	401	2000	ug/kg	83.8	1					
Calcium		594000	8010	25000	ug/kg	83.8	1	EM2	03/19/26	1756	2961773	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	1180	3940	ug/kg	0.0330	10	NM1	03/24/26	0143	2961936	4
1,2,4,5-Tetrachlorobenzene	U	ND	1180	3940	ug/kg	0.0330	10					
2,3,4,6-Tetrachlorophenol	U	ND	1180	3940	ug/kg	0.0330	10					
2,4,5-Trichlorophenol	U	ND	1180	3940	ug/kg	0.0330	10					
2,4,6-Trichlorophenol	U	ND	1180	3940	ug/kg	0.0330	10					
2,4-Dichlorophenol	U	ND	1180	3940	ug/kg	0.0330	10					
2,4-Dimethylphenol	U	ND	1180	3940	ug/kg	0.0330	10					
2,4-Dinitrophenol	U	ND	1180	7890	ug/kg	0.0330	10					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-3.0 Project: RVDE00226C
Sample ID: 768430016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	1180	3940	ug/kg	0.0330	10					
2,6-Dinitrotoluene	U	ND	1180	3940	ug/kg	0.0330	10					
2-Chloronaphthalene	U	ND	118	394	ug/kg	0.0330	10					
2-Chlorophenol	U	ND	1180	3940	ug/kg	0.0330	10					
2-Methyl-4,6-dinitrophenol	U	ND	1180	3940	ug/kg	0.0330	10					
2-Methylnaphthalene	J	312	118	394	ug/kg	0.0330	10					
2-Nitrophenol	U	ND	1180	3940	ug/kg	0.0330	10					
3,3'-Dichlorobenzidine	U	ND	1180	3940	ug/kg	0.0330	10					
4-Bromophenylphenylether	U	ND	1180	3940	ug/kg	0.0330	10					
4-Chloro-3-methylphenol	U	ND	1580	3940	ug/kg	0.0330	10					
4-Chloroaniline	U	ND	1180	3940	ug/kg	0.0330	10					
4-Chlorophenylphenylether	U	ND	1180	3940	ug/kg	0.0330	10					
4-Nitrophenol	U	ND	1180	3940	ug/kg	0.0330	10					
Acenaphthene		1950	118	394	ug/kg	0.0330	10					
Acenaphthylene	U	ND	118	394	ug/kg	0.0330	10					
Acetophenone	U	ND	1180	3940	ug/kg	0.0330	10					
Anthracene	U	ND	118	394	ug/kg	0.0330	10					
Atrazine	U	ND	1580	3940	ug/kg	0.0330	10					
Benzaldehyde	U	ND	1180	3940	ug/kg	0.0330	10					
Benzo(a)anthracene	U	ND	118	394	ug/kg	0.0330	10					
Benzo(a)pyrene	U	ND	118	394	ug/kg	0.0330	10					
Benzo(b)fluoranthene	U	ND	118	394	ug/kg	0.0330	10					
Benzo(ghi)perylene	U	ND	118	394	ug/kg	0.0330	10					
Benzo(k)fluoranthene	U	ND	118	394	ug/kg	0.0330	10					
Butylbenzylphthalate	U	ND	118	394	ug/kg	0.0330	10					
Carbazole	U	ND	118	394	ug/kg	0.0330	10					
Chrysene	U	ND	118	394	ug/kg	0.0330	10					
Di-n-butylphthalate	U	ND	118	394	ug/kg	0.0330	10					
Di-n-octylphthalate	U	ND	118	394	ug/kg	0.0330	10					
Dibenzo(a,h)anthracene	U	ND	118	394	ug/kg	0.0330	10					
Dibenzofuran	U	ND	1180	3940	ug/kg	0.0330	10					
Diethylphthalate	U	ND	118	394	ug/kg	0.0330	10					
Dimethylphthalate	U	ND	118	394	ug/kg	0.0330	10					
Diphenylamine	U	ND	1180	3940	ug/kg	0.0330	10					
Fluoranthene	J	189	118	394	ug/kg	0.0330	10					
Fluorene		2820	118	394	ug/kg	0.0330	10					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-3.0 Project: RVDE00226C
Sample ID: 768430016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	1180	3940	ug/kg	0.0330	10					
Hexachlorobutadiene	U	ND	1180	3940	ug/kg	0.0330	10					
Hexachlorocyclopentadiene	U	ND	1180	3940	ug/kg	0.0330	10					
Hexachloroethane	U	ND	1180	3940	ug/kg	0.0330	10					
Indeno(1,2,3-cd)pyrene	U	ND	118	394	ug/kg	0.0330	10					
Isophorone	U	ND	1180	3940	ug/kg	0.0330	10					
N-Nitrosodipropylamine	U	ND	1180	3940	ug/kg	0.0330	10					
Naphthalene	U	ND	118	394	ug/kg	0.0330	10					
Nitrobenzene	U	ND	1180	3940	ug/kg	0.0330	10					
Pentachlorophenol	U	ND	1180	3940	ug/kg	0.0330	10					
Phenanthrene		6580	118	394	ug/kg	0.0330	10					
Phenol	U	ND	1180	3940	ug/kg	0.0330	10					
Pyrene	J	197	118	394	ug/kg	0.0330	10					
bis(2-Chloro-1-methylethyl)ether	U	ND	1180	3940	ug/kg	0.0330	10					
bis(2-Chloroethoxy)methane	U	ND	1180	3940	ug/kg	0.0330	10					
bis(2-Chloroethyl) ether	U	ND	1180	3940	ug/kg	0.0330	10					
bis(2-Ethylhexyl)phthalate	U	ND	118	394	ug/kg	0.0330	10					
m,p-Cresols	U	ND	1180	3940	ug/kg	0.0330	10					
m-Nitroaniline	U	ND	1180	3940	ug/kg	0.0330	10					
o-Cresol	U	ND	1180	3940	ug/kg	0.0330	10					
o-Nitroaniline	U	ND	1300	3940	ug/kg	0.0330	10					
p-Nitroaniline	U	ND	1180	3940	ug/kg	0.0330	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.144	0.359	mg/kg	30.0	1	BR2	03/27/26	1339	2962943	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	27.0	81.1	ug/kg	1.36	50	PXY1	03/26/26	1929	2968103	6
1,1,2,2-Tetrachloroethane	U	ND	27.0	81.1	ug/kg	1.36	50					
1,1,2-Trichloroethane	U	ND	27.0	81.1	ug/kg	1.36	50					
1,1-Dichloroethane	U	ND	27.0	81.1	ug/kg	1.36	50					
1,1-Dichloroethylene	U	ND	27.0	81.1	ug/kg	1.36	50					
1,2,3-Trichlorobenzene	U	ND	27.0	81.1	ug/kg	1.36	50					
1,2,4-Trichlorobenzene	U	ND	27.0	81.1	ug/kg	1.36	50					
1,2-Dibromo-3-chloropropane	U	ND	40.6	81.1	ug/kg	1.36	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-3.0 Project: RVDE00226C
Sample ID: 768430016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	27.0	81.1	ug/kg	1.36	50					
1,2-Dichlorobenzene	U	ND	27.0	81.1	ug/kg	1.36	50					
1,2-Dichloroethane	U	ND	27.0	81.1	ug/kg	1.36	50					
1,2-Dichloropropane	U	ND	27.0	81.1	ug/kg	1.36	50					
1,3-Dichlorobenzene	U	ND	27.0	81.1	ug/kg	1.36	50					
1,4-Dichlorobenzene	U	ND	27.0	81.1	ug/kg	1.36	50					
1,4-Dioxane	U	ND	1350	4060	ug/kg	1.36	50					
2-Butanone	U	ND	135	406	ug/kg	1.36	50					
2-Hexanone	U	ND	135	406	ug/kg	1.36	50					
4-Methyl-2-pentanone	U	ND	135	406	ug/kg	1.36	50					
Acetone	U	ND	135	406	ug/kg	1.36	50					
Benzene	U	ND	27.0	81.1	ug/kg	1.36	50					
Bromochloromethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Bromodichloromethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Bromoform	U	ND	27.0	81.1	ug/kg	1.36	50					
Bromomethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Carbon disulfide	U	ND	135	406	ug/kg	1.36	50					
Carbon tetrachloride	U	ND	27.0	81.1	ug/kg	1.36	50					
Chlorobenzene	U	ND	27.0	81.1	ug/kg	1.36	50					
Chloroethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Chloroform	U	ND	27.0	81.1	ug/kg	1.36	50					
Chloromethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Cyclohexane	U	ND	27.0	81.1	ug/kg	1.36	50					
Dibromochloromethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Dichlorodifluoromethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Ethylbenzene	U	ND	27.0	81.1	ug/kg	1.36	50					
Isopropylbenzene		909	27.0	81.1	ug/kg	1.36	50					
Methyl acetate	U	ND	135	406	ug/kg	1.36	50					
Methylcyclohexane		624	27.0	81.1	ug/kg	1.36	50					
Methylene chloride	U	ND	135	406	ug/kg	1.36	50					
Styrene	U	ND	27.0	81.1	ug/kg	1.36	50					
Tetrachloroethylene	U	ND	27.0	81.1	ug/kg	1.36	50					
Toluene	U	ND	27.0	81.1	ug/kg	1.36	50					
Trichloroethylene	U	ND	27.0	81.1	ug/kg	1.36	50					
Trichlorofluoromethane	U	ND	27.0	81.1	ug/kg	1.36	50					
Trichlorotrifluoroethane	U	ND	135	406	ug/kg	1.36	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-05-3.0 Project: RVDE00226C
Sample ID: 768430016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	27.0	81.1	ug/kg	1.36	50					
cis-1,2-Dichloroethylene	U	ND	27.0	81.1	ug/kg	1.36	50					
cis-1,3-Dichloropropylene	U	ND	27.0	81.1	ug/kg	1.36	50					
m,p-Xylenes	U	ND	54.1	162	ug/kg	1.36	50					
o-Xylene	U	ND	27.0	81.1	ug/kg	1.36	50					
tert-Butyl methyl ether	U	ND	27.0	81.1	ug/kg	1.36	50					
trans-1,2-Dichloroethylene	U	ND	27.0	81.1	ug/kg	1.36	50					
trans-1,3-Dichloropropylene	U	ND	27.0	81.1	ug/kg	1.36	50					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/17/26	0649	2961935
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/16/26	1350	2961944
SW846 5035	5035 Prep	PXY1	03/13/26	1415	2968092
SW846 3050B	SW846 3050B Prep	JB7	03/16/26	1600	2961772
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1727	2962942

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1400 ug/kg	1970	71	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1320 ug/kg	1970	67	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1970	66	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2400 ug/kg	3940	61	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2840 ug/kg	3940	72	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2670 ug/kg	3940	68	(19%-94%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	3940 ug/kg	50.0	97	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	5040 ug/kg	50.0	124	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-05-3.0	Project:	RVDE00226C
Sample ID:	768430016	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		4080	ug/kg	50.0	100			(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Flow Injection Analysis												
Batch 2962313												
QC1206409012 768199001 DUP												
Cyanide, Total		U	ND	U	ND	ug/kg	N/A			CH9	03/24/26	14:59
QC1206409011 LCS												
Cyanide, Total	109000				89100	ug/kg		81.7	(50%-157%)		03/24/26	14:57
QC1206409010 MB												
Cyanide, Total				U	ND	ug/kg					03/24/26	14:56
QC1206409013 768199001 MS												
Cyanide, Total	4530	U	ND		4320	ug/kg		95.4	(46%-125%)		03/24/26	15:00
Metals Analysis-ICP												
Batch 2961773												
QC1206407933 LCS												
Aluminum	477000				479000	ug/kg		100	(80%-120%)	EM2	03/17/26	17:38
Antimony	47700				47200	ug/kg		98.8	(80%-120%)			
Arsenic	47700				50300	ug/kg		105	(80%-120%)			
Barium	47700				48600	ug/kg		102	(80%-120%)			
Beryllium	47700				49600	ug/kg		104	(80%-120%)			
Cadmium	47700				48900	ug/kg		102	(80%-120%)			

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961773										
Calcium	477000			490000	ug/kg		103	(80%-120%)	EM2	03/17/26 17:38
Chromium	47700			48300	ug/kg		101	(80%-120%)		
Cobalt	47700			48900	ug/kg		102	(80%-120%)		
Copper	47700			47500	ug/kg		99.6	(80%-120%)		
Iron	477000			501000	ug/kg		105	(80%-120%)		
Lead	47700			48300	ug/kg		101	(80%-120%)		
Magnesium	477000			496000	ug/kg		104	(80%-120%)		
Manganese	47700			47700	ug/kg		100	(80%-120%)		
Nickel	47700			48200	ug/kg		101	(80%-120%)		
Potassium	477000			484000	ug/kg		101	(80%-120%)		
Selenium	47700			49100	ug/kg		103	(80%-120%)		
Silver	9540			9620	ug/kg		101	(80%-120%)		
Sodium	477000			480000	ug/kg		101	(80%-120%)		
Thallium	47700			49600	ug/kg		104	(80%-120%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961773										
Vanadium	47700			47800	ug/kg		100	(80%-120%)	EM2	03/17/26 17:38
Zinc	47700			47800	ug/kg		100	(80%-120%)		
QC1206407932 MB										
Aluminum			U	ND	ug/kg					03/17/26 17:35
Antimony			J	290	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					
Beryllium			U	ND	ug/kg					
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961773										
Magnesium			U	ND	ug/kg				EM2	03/17/26 17:35
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					
Sodium			U	ND	ug/kg					
Thallium			U	ND	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			U	ND	ug/kg					
QC1206407934 768430002 MS										
Aluminum	537000	4260000		7010000	ug/kg		N/A	(75%-125%)		03/17/26 17:43
Antimony	53700	6860		58100	ug/kg		95.4	(75%-125%)		
Arsenic	53700	11800		65500	ug/kg		99.9	(75%-125%)		
Barium	53700	71600		129000	ug/kg		107	(75%-125%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961773											
Beryllium	53700	J	185		52500	ug/kg		97.4	(75%-125%)	EM2	03/17/26 17:43
Cadmium	53700		843		51100	ug/kg		93.6	(75%-125%)		
Calcium	537000		5920000		8720000	ug/kg		N/A	(75%-125%)		
Chromium	53700		21200		88300	ug/kg		125	(75%-125%)		
Cobalt	53700		4240		55400	ug/kg		95.1	(75%-125%)		
Copper	53700		56100		123000	ug/kg		124	(75%-125%)		
Iron	537000		30300000		29800000	ug/kg		N/A	(75%-125%)		
Lead	53700		165000		287000	ug/kg		228*	(75%-125%)		
Magnesium	537000		633000		1430000	ug/kg		149*	(75%-125%)		
Manganese	53700		309000		424000	ug/kg		N/A	(75%-125%)		
Nickel	53700		14600		66600	ug/kg		96.8	(75%-125%)		
Potassium	537000		488000		1110000	ug/kg		115	(75%-125%)		
Selenium	53700	U	ND		51100	ug/kg		94.6	(75%-125%)		
Silver	10700	J	141		10400	ug/kg		95.7	(75%-125%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2961773												
Sodium	537000		69300		604000	ug/kg			99.5	(75%-125%)	EM2	03/17/26 17:43
Thallium	53700	U	ND		49700	ug/kg			92.6	(75%-125%)		
Vanadium	53700		12000		65800	ug/kg			100	(75%-125%)		
Zinc	53700		150000		269000	ug/kg			221	* (75%-125%)		
QC1206407935 768430002 MSD												
Aluminum	569000		4260000		8120000	ug/kg	14.8		N/A	(0%-20%)		03/17/26 17:46
Antimony	56900		6860		66800	ug/kg	13.9		105	(0%-20%)		
Arsenic	56900		11800		70400	ug/kg	7.3		103	(0%-20%)		
Barium	56900		71600		160000	ug/kg	21.2	*	155	* (0%-20%)		
Beryllium	56900	J	185		59600	ug/kg	12.6		104	(0%-20%)		
Cadmium	56900		843		58300	ug/kg	13.1		101	(0%-20%)		
Calcium	569000		5920000		11000000	ug/kg	23.6	*	N/A	(0%-20%)		
Chromium	56900		21200		83600	ug/kg	5.54		110	(0%-20%)		
Cobalt	56900		4240		62200	ug/kg	11.6		102	(0%-20%)		
Copper	56900		56100		165000	ug/kg	29.2	*	191	* (0%-20%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2961773												
Iron	569000		30300000		28800000	ug/kg	3.21		N/A	(0%-20%)	EM2	03/17/26 17:46
Lead	56900		165000		327000	ug/kg	13.1		286*	(0%-20%)		
Magnesium	569000		633000		1500000	ug/kg	4.7		153*	(0%-20%)		
Manganese	56900		309000		662000	ug/kg	43.8	*	N/A	(0%-20%)		
Nickel	56900		14600		76700	ug/kg	14.2		109	(0%-20%)		
Potassium	569000		488000		1120000	ug/kg	1.4		112	(0%-20%)		
Selenium	56900	U	ND		56800	ug/kg	10.7		99.4	(0%-20%)		
Silver	11400	J	141		11500	ug/kg	9.62		99.6	(0%-20%)		
Sodium	569000		69300		640000	ug/kg	5.7		100	(0%-20%)		
Thallium	56900	U	ND		54400	ug/kg	8.99		95.6	(0%-20%)		
Vanadium	56900		12000		77200	ug/kg	15.8		114	(0%-20%)		
Zinc	56900		150000		326000	ug/kg	19.2		309*	(0%-20%)		
QC1206407936 768430002 PS												
Barium	500		640		1110	ug/L			93.3	(75%-125%)		03/17/26 17:48
Copper	500		501		991	ug/L			97.9	(75%-125%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961773										
Lead	500	1470		1900	ug/L		85.8	(75%-125%)	EM2	03/17/26 17:48
Magnesium	5000	5660		10300	ug/L		93.6	(75%-125%)		
Zinc	500	1340		1790	ug/L		88.8	(75%-125%)		
QC1206407937 768430002 SDILT										
Aluminum		38100		7970	ug/L	4.7		(0%-20%)		03/17/26 17:50
Antimony		61.3	J	13.7	ug/L	11.6		(0%-20%)		
Arsenic		105	J	18.2	ug/L	13.5		(0%-20%)		
Barium		640		132	ug/L	3.57		(0%-20%)		
Beryllium	J	1.65	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		7.53	J	1.45	ug/L	3.72		(0%-20%)		
Calcium		52900		10800	ug/L	2.54		(0%-20%)		
Chromium		189		39.3	ug/L	3.95		(0%-20%)		
Cobalt		37.9		7.64	ug/L	.792		(0%-20%)		
Copper		501		98.9	ug/L	1.35		(0%-20%)		
Iron		271000		57300	ug/L	5.72		(0%-20%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961773										
Lead		1470		307	ug/L	4.21		(0%-20%)	EM2	03/17/26 17:50
Magnesium		5660		1190	ug/L	5.17		(0%-20%)		
Manganese		2760		571	ug/L	3.64		(0%-20%)		
Nickel		130		26.4	ug/L	1.52		(0%-20%)		
Potassium		4350		852	ug/L	2.21		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	J	1.26	U	ND	ug/L	N/A		(0%-20%)		
Sodium		619	J	74.3	ug/L	40		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		108		22.0	ug/L	2.36		(0%-20%)		
Zinc		1340		271	ug/L	1.03		(0%-20%)		
Metals Analysis-Mercury										
Batch 2961945										
QC1206408364 LCS										
Mercury	237			280	ug/kg		118	(80%-120%)	PB1	03/17/26 10:00
QC1206408363 MB										
Mercury			U	ND	ug/kg					03/17/26 09:58

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 2961945											
QC1206408365 768276001 MS											
Mercury	217	U	ND		233	ug/kg		107	(80%-120%)	PB1	03/17/26 10:03
QC1206408366 768276001 MSD											
Mercury	211	U	ND		223	ug/kg	4.55	105	(0%-20%)		03/17/26 10:05
Semi-Volatile-GC/MS											
Batch 2961936											
QC1206408340 LCS											
1,1'-Biphenyl	1660				1050	ug/kg		63	(47%-110%)	NM1	03/24/26 00:17
1,2,4,5-Tetrachlorobenzene	1660				960	ug/kg		58	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1040	ug/kg		63	(44%-114%)		
2,4,5-Trichlorophenol	1660				1070	ug/kg		65	(50%-121%)		
2,4,6-Trichlorophenol	1660				1090	ug/kg		66	(48%-112%)		
2,4-Dichlorophenol	1660				1050	ug/kg		63	(47%-112%)		
2,4-Dimethylphenol	1660				768	ug/kg		46	(32%-74%)		
2,4-Dinitrophenol	1660			J	620	ug/kg		37	(22%-89%)		
2,4-Dinitrotoluene	1660				1170	ug/kg		71	(49%-121%)		
2,6-Dinitrotoluene	1660				1130	ug/kg		68	(47%-118%)		
2-Chloronaphthalene	1660				1040	ug/kg		63	(44%-107%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
2-Chlorophenol	1660			1110	ug/kg		67	(46%-107%)	NM1	03/24/26 00:17
2-Methyl-4,6-dinitrophenol	1660			681	ug/kg		41	(21%-106%)		
2-Methylnaphthalene	1660			1110	ug/kg		67	(47%-109%)		
2-Nitrophenol	1660			1040	ug/kg		63	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1040	ug/kg		63	(39%-100%)		
4-Bromophenylphenylether	1660			1060	ug/kg		64	(50%-120%)		
4-Chloro-3-methylphenol	1660			1190	ug/kg		72	(50%-114%)		
4-Chloroaniline	1660			927	ug/kg		56	(38%-96%)		
4-Chlorophenylphenylether	1660			1090	ug/kg		66	(50%-118%)		
4-Nitrophenol	1660			1260	ug/kg		76	(46%-120%)		
Acenaphthene	1660			1070	ug/kg		65	(45%-112%)		
Acenaphthylene	1660			997	ug/kg		60	(43%-106%)		
Acetophenone	1660			1070	ug/kg		65	(35%-100%)		
Anthracene	1660			1130	ug/kg		68	(50%-115%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
Atrazine	1660			1230	ug/kg		75	(51%-144%)	NM1	03/24/26 00:17
Benzaldehyde	1660			454	ug/kg		27	(21%-89%)		
Benzo(a)anthracene	1660			1140	ug/kg		69	(51%-117%)		
Benzo(a)pyrene	1660			1100	ug/kg		67	(48%-118%)		
Benzo(b)fluoranthene	1660			1200	ug/kg		72	(51%-121%)		
Benzo(ghi)perylene	1660			1070	ug/kg		65	(51%-125%)		
Benzo(k)fluoranthene	1660			1160	ug/kg		70	(50%-124%)		
Butylbenzylphthalate	1660			1350	ug/kg		82	(51%-133%)		
Carbazole	1660			1180	ug/kg		71	(53%-119%)		
Chrysene	1660			1100	ug/kg		66	(52%-116%)		
Di-n-butylphthalate	1660			1290	ug/kg		78	(54%-126%)		
Di-n-octylphthalate	1660			1320	ug/kg		80	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1080	ug/kg		65	(48%-120%)		
Dibenzofuran	1660			1090	ug/kg		66	(50%-110%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
Diethylphthalate	1660			1150	ug/kg		69	(52%-123%)	NM1	03/24/26 00:17
Dimethylphthalate	1660			1120	ug/kg		68	(49%-124%)		
Diphenylamine	1660			1140	ug/kg		69	(51%-115%)		
Fluoranthene	1660			1220	ug/kg		74	(52%-121%)		
Fluorene	1660			1100	ug/kg		66	(50%-116%)		
Hexachlorobenzene	1660			1050	ug/kg		63	(48%-117%)		
Hexachlorobutadiene	1660			926	ug/kg		56	(40%-105%)		
Hexachlorocyclopentadiene	1660			571	ug/kg		34	(26%-82%)		
Hexachloroethane	1660			997	ug/kg		60	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1080	ug/kg		65	(47%-123%)		
Isophorone	1660			1090	ug/kg		66	(37%-120%)		
N-Nitrosodipropylamine	1660			1260	ug/kg		76	(46%-113%)		
Naphthalene	1660			1020	ug/kg		62	(44%-105%)		
Nitrobenzene	1660			1130	ug/kg		68	(44%-106%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
Pentachlorophenol	1660			1130	ug/kg		68	(36%-111%)	NM1	03/24/26 00:17
Phenanthrene	1660			1130	ug/kg		68	(50%-114%)		
Phenol	1660			1210	ug/kg		73	(46%-107%)		
Pyrene	1660			1160	ug/kg		70	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1220	ug/kg		74	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1120	ug/kg		68	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1130	ug/kg		68	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			1320	ug/kg		80	(50%-134%)		
m,p-Cresols	1660			1160	ug/kg		70	(46%-106%)		
m-Nitroaniline	1660			1050	ug/kg		64	(41%-108%)		
o-Cresol	1660			1130	ug/kg		68	(45%-105%)		
o-Nitroaniline	1660			1270	ug/kg		77	(48%-117%)		
p-Nitroaniline	1660			1130	ug/kg		68	(49%-119%)		
**2,4,6-Tribromophenol	3310			2040	ug/kg		62	(20%-104%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
**2-Fluorobiphenyl	1660			927	ug/kg		56	(20%-93%)	NM1	03/24/26 00:17
**2-Fluorophenol	3310			2230	ug/kg		67	(19%-94%)		
**Nitrobenzene-d5	1660			1000	ug/kg		60	(19%-90%)		
**Phenol-d5	3310			2250	ug/kg		68	(20%-99%)		
**p-Terphenyl-d14	1660			1050	ug/kg		63	(24%-107%)		
QC1206408339 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/23/26 23:56
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
2,6-Dinitrotoluene			U	ND	ug/kg				NM1	03/23/26 23:56
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
Acetophenone			U	ND	ug/kg				NM1	03/23/26 23:56
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
Dibenzo(a,h)anthracene			U	ND	ug/kg				NM1	03/23/26 23:56
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
Naphthalene			U	ND	ug/kg				NM1	03/23/26 23:56
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2961936										
p-Nitroaniline			U	ND	ug/kg				NM1	03/23/26 23:56
**2,4,6-Tribromophenol	3310			2290	ug/kg		69	(20%-104%)		
**2-Fluorobiphenyl	1650			1170	ug/kg		71	(20%-93%)		
**2-Fluorophenol	3310			2690	ug/kg		81	(19%-94%)		
**Nitrobenzene-d5	1650			1270	ug/kg		77	(19%-90%)		
**Phenol-d5	3310			2670	ug/kg		81	(20%-99%)		
**p-Terphenyl-d14	1650			1160	ug/kg		70	(24%-107%)		
QC1206408341 768430002 MS										
1,1'-Biphenyl	2020	U	ND	1100	ug/kg		54	(16%-112%)	LL2	03/17/26 14:56
1,2,4,5-Tetrachlorobenzene	2020	U	ND	1020	ug/kg		51	(16%-106%)		
2,3,4,6-Tetrachlorophenol	2020	U	ND	1210	ug/kg		60	(15%-114%)		
2,4,5-Trichlorophenol	2020	U	ND	1220	ug/kg		61	(16%-122%)		
2,4,6-Trichlorophenol	2020	U	ND	1280	ug/kg		63	(16%-112%)		
2,4-Dichlorophenol	2020	U	ND	1230	ug/kg		61	(15%-112%)		
2,4-Dimethylphenol	2020	U	ND	868	ug/kg		43	(17%-73%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2961936												
2,4-Dinitrophenol	2020	U	ND	J	353	ug/kg		17*	(19%-117%)	LL2	03/17/26	14:56
2,4-Dinitrotoluene	2020	U	ND		1060	ug/kg		52	(15%-119%)			
2,6-Dinitrotoluene	2020	U	ND		1100	ug/kg		54	(14%-119%)			
2-Chloronaphthalene	2020	U	ND		1160	ug/kg		57	(15%-108%)			
2-Chlorophenol	2020	U	ND		1200	ug/kg		59	(17%-104%)			
2-Methyl-4,6-dinitrophenol	2020	U	ND	J	293	ug/kg		14	(10%-120%)			
2-Methylnaphthalene	2020	J	21.1		1340	ug/kg		65	(16%-108%)			
2-Nitrophenol	2020	U	ND		969	ug/kg		48	(14%-107%)			
3,3'-Dichlorobenzidine	2020	U	ND		621	ug/kg		31	(13%-95%)			
4-Bromophenylphenylether	2020	U	ND		1250	ug/kg		62	(16%-122%)			
4-Chloro-3-methylphenol	2020	U	ND		1250	ug/kg		62	(17%-116%)			
4-Chloroaniline	2020	U	ND		859	ug/kg		42	(16%-91%)			
4-Chlorophenylphenylether	2020	U	ND		1270	ug/kg		63	(16%-120%)			
4-Nitrophenol	2020	U	ND		938	ug/kg		46	(14%-122%)			

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961936											
Acenaphthene	2020	U	ND		1190	ug/kg		59	(15%-114%)	LL2	03/17/26 14:56
Acenaphthylene	2020		122		1570	ug/kg		72	(16%-107%)		
Acetophenone	2020	U	ND		1110	ug/kg		55	(16%-97%)		
Anthracene	2020		113		2130	ug/kg		100	(16%-119%)		
Atrazine	2020	U	ND		1190	ug/kg		59	(12%-144%)		
Benzaldehyde	2020	U	ND	J	385	ug/kg		19	(12%-103%)		
Benzo(a)anthracene	2020		441		4740	ug/kg		212*	(16%-120%)		
Benzo(a)pyrene	2020		558		4590	ug/kg		199*	(16%-119%)		
Benzo(b)fluoranthene	2020		960	E	6800	ug/kg		288*	(16%-123%)		
Benzo(ghi)perylene	2020		409		3080	ug/kg		132*	(15%-127%)		
Benzo(k)fluoranthene	2020		268		3210	ug/kg		145*	(16%-126%)		
Butylbenzylphthalate	2020	U	ND		1500	ug/kg		74	(14%-135%)		
Carbazole	2020	J	36.5		1400	ug/kg		67	(16%-123%)		
Chrysene	2020		532	E	6450	ug/kg		293*	(17%-119%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961936											
Di-n-butylphthalate	2020	J	12.6		1410	ug/kg		69	(16%-129%)	LL2	03/17/26 14:56
Di-n-octylphthalate	2020	U	ND		1520	ug/kg		75	(16%-134%)		
Dibenzo(a,h)anthracene	2020		103		1800	ug/kg		84	(16%-120%)		
Dibenzofuran	2020	U	ND		1250	ug/kg		62	(17%-114%)		
Diethylphthalate	2020	U	ND		1220	ug/kg		60	(16%-124%)		
Dimethylphthalate	2020	U	ND		1190	ug/kg		59	(16%-123%)		
Diphenylamine	2020	U	ND		1320	ug/kg		65	(18%-116%)		
Fluoranthene	2020		661		2410	ug/kg		86	(17%-124%)		
Fluorene	2020	J	20.3		1340	ug/kg		65	(16%-119%)		
Hexachlorobenzene	2020	U	ND		1240	ug/kg		61	(18%-117%)		
Hexachlorobutadiene	2020	U	ND		1070	ug/kg		53	(15%-101%)		
Hexachlorocyclopentadiene	2020	U	ND	U	ND	ug/kg		0*	(16%-60%)		
Hexachloroethane	2020	U	ND		947	ug/kg		47	(16%-87%)		
Indeno(1,2,3-cd)pyrene	2020		425		3700	ug/kg		162*	(14%-125%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2961936											
Isophorone	2020	U	ND		1220	ug/kg		60	(12%-116%)	LL2	03/17/26 14:56
N-Nitrosodipropylamine	2020	U	ND		1230	ug/kg		61	(14%-113%)		
Naphthalene	2020	J	26.4		1250	ug/kg		61	(15%-105%)		
Nitrobenzene	2020	U	ND		1190	ug/kg		59	(15%-105%)		
Pentachlorophenol	2020	U	ND		1150	ug/kg		57	(11%-115%)		
Phenanthrene	2020		222		1580	ug/kg		67	(15%-120%)		
Phenol	2020	U	ND		1270	ug/kg		63	(16%-107%)		
Pyrene	2020		665		2900	ug/kg		110	(15%-127%)		
bis(2-Chloro-1-methylethyl)ether	2020	U	ND		1280	ug/kg		63	(10%-110%)		
bis(2-Chloroethoxy)methane	2020	U	ND		1230	ug/kg		61	(16%-105%)		
bis(2-Chloroethyl) ether	2020	U	ND		1250	ug/kg		62	(14%-106%)		
bis(2-Ethylhexyl)phthalate	2020	J	29.2		1410	ug/kg		68	(15%-135%)		
m,p-Cresols	2020	U	ND		1250	ug/kg		62	(17%-106%)		
m-Nitroaniline	2020	U	ND		921	ug/kg		46	(15%-103%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961936												
o-Cresol	2020	U	ND		1230	ug/kg			61	(17%-104%)	LL2	03/17/26 14:56
o-Nitroaniline	2020	U	ND		1170	ug/kg			58	(16%-116%)		
p-Nitroaniline	2020	U	ND		874	ug/kg			43	(12%-118%)		
**2,4,6-Tribromophenol	4050		2580		2480	ug/kg			61	(20%-104%)		
**2-Fluorobiphenyl	2020		1360		1140	ug/kg			57	(20%-93%)		
**2-Fluorophenol	4050		3200		2310	ug/kg			57	(19%-94%)		
**Nitrobenzene-d5	2020		1440		1100	ug/kg			54	(19%-90%)		
**Phenol-d5	4050		3270		2490	ug/kg			62	(20%-99%)		
**p-Terphenyl-d14	2020		1390		1260	ug/kg			62	(24%-107%)		
QC1206408342 768430002 MSD												
1,1'-Biphenyl	2030	U	ND		1490	ug/kg	30		74	(0%-30%)		03/17/26 15:17
1,2,4,5-Tetrachlorobenzene	2030	U	ND		1390	ug/kg	30		68	(0%-30%)		
2,3,4,6-Tetrachlorophenol	2030	U	ND		1680	ug/kg	33	*	83	(0%-30%)		
2,4,5-Trichlorophenol	2030	U	ND		1660	ug/kg	30		82	(0%-30%)		
2,4,6-Trichlorophenol	2030	U	ND		1710	ug/kg	29		84	(0%-30%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961936												
2,4-Dichlorophenol	2030	U	ND		1660	ug/kg	30		82	(0%-30%)	LL2	03/17/26 15:17
2,4-Dimethylphenol	2030	U	ND		1210	ug/kg	33	*	60	(0%-30%)		
2,4-Dinitrophenol	2030	U	ND	J	395	ug/kg	11		19	(0%-30%)		
2,4-Dinitrotoluene	2030	U	ND		1360	ug/kg	25		67	(0%-30%)		
2,6-Dinitrotoluene	2030	U	ND		1470	ug/kg	29		72	(0%-30%)		
2-Chloronaphthalene	2030	U	ND		1590	ug/kg	31	*	78	(0%-30%)		
2-Chlorophenol	2030	U	ND		1620	ug/kg	29		80	(0%-30%)		
2-Methyl-4,6-dinitrophenol	2030	U	ND	J	318	ug/kg	8		16	(0%-30%)		
2-Methylnaphthalene	2030	J	21.1		1780	ug/kg	28		87	(0%-30%)		
2-Nitrophenol	2030	U	ND		1300	ug/kg	29		64	(0%-30%)		
3,3'-Dichlorobenzidine	2030	U	ND		774	ug/kg	22		38	(0%-30%)		
4-Bromophenylphenylether	2030	U	ND		1690	ug/kg	30		83	(0%-30%)		
4-Chloro-3-methylphenol	2030	U	ND		1710	ug/kg	31	*	84	(0%-30%)		
4-Chloroaniline	2030	U	ND		1030	ug/kg	18		51	(0%-30%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961936												
4-Chlorophenylphenylether	2030	U	ND		1660	ug/kg	26		82	(0%-30%)	LL2	03/17/26 15:17
4-Nitrophenol	2030	U	ND		1290	ug/kg	32	*	64	(0%-30%)		
Acenaphthene	2030	U	ND		1610	ug/kg	30		79	(0%-30%)		
Acenaphthylene	2030		122		1710	ug/kg	9		79	(0%-30%)		
Acetophenone	2030	U	ND		1460	ug/kg	27		72	(0%-30%)		
Anthracene	2030		113		1890	ug/kg	12		88	(0%-30%)		
Atrazine	2030	U	ND		1440	ug/kg	19		71	(0%-30%)		
Benzaldehyde	2030	U	ND		587	ug/kg	42	*	29	(0%-30%)		
Benzo(a)anthracene	2030		441		2110	ug/kg	77	*	82	(0%-30%)		
Benzo(a)pyrene	2030		558		2110	ug/kg	74	*	77	(0%-30%)		
Benzo(b)fluoranthene	2030		960		2570	ug/kg	90	*	79	(0%-30%)		
Benzo(ghi)perylene	2030		409		2190	ug/kg	34	*	88	(0%-30%)		
Benzo(k)fluoranthene	2030		268		1980	ug/kg	47	*	84	(0%-30%)		
Butylbenzylphthalate	2030	U	ND		1890	ug/kg	23		93	(0%-30%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961936												
Carbazole	2030	J	36.5		1750	ug/kg	22		84	(0%-30%)	LL2	03/17/26 15:17
Chrysene	2030		532		2140	ug/kg	100	*	79	(0%-30%)		
Di-n-butylphthalate	2030	J	12.6		1830	ug/kg	26		90	(0%-30%)		
Di-n-octylphthalate	2030	U	ND		1880	ug/kg	21		93	(0%-30%)		
Dibenzo(a,h)anthracene	2030		103		1740	ug/kg	3		81	(0%-30%)		
Dibenzofuran	2030	U	ND		1690	ug/kg	30		83	(0%-30%)		
Diethylphthalate	2030	U	ND		1650	ug/kg	30		81	(0%-30%)		
Dimethylphthalate	2030	U	ND		1610	ug/kg	30		79	(0%-30%)		
Diphenylamine	2030	U	ND		1770	ug/kg	29		87	(0%-30%)		
Fluoranthene	2030		661		2320	ug/kg	4		82	(0%-30%)		
Fluorene	2030	J	20.3		1690	ug/kg	23		82	(0%-30%)		
Hexachlorobenzene	2030	U	ND		1660	ug/kg	29		82	(0%-30%)		
Hexachlorobutadiene	2030	U	ND		1450	ug/kg	31	*	72	(0%-30%)		
Hexachlorocyclopentadiene	2030	U	ND	J	123	ug/kg	200	*	6 *	(0%-30%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961936												
Hexachloroethane	2030	U	ND		1160	ug/kg	21		57	(0%-30%)	LL2	03/17/26 15:17
Indeno(1,2,3-cd)pyrene	2030		425		2160	ug/kg	52	*	86	(0%-30%)		
Isophorone	2030	U	ND		1650	ug/kg	30		81	(0%-30%)		
N-Nitrosodipropylamine	2030	U	ND		1620	ug/kg	27		80	(0%-30%)		
Naphthalene	2030	J	26.4		1660	ug/kg	28		81	(0%-30%)		
Nitrobenzene	2030	U	ND		1620	ug/kg	31	*	80	(0%-30%)		
Pentachlorophenol	2030	U	ND		1630	ug/kg	34	*	80	(0%-30%)		
Phenanthrene	2030		222		1880	ug/kg	17		82	(0%-30%)		
Phenol	2030	U	ND		1690	ug/kg	28		83	(0%-30%)		
Pyrene	2030		665		2310	ug/kg	23		81	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	2030	U	ND		1730	ug/kg	29		85	(0%-30%)		
bis(2-Chloroethoxy)methane	2030	U	ND		1690	ug/kg	32	*	83	(0%-30%)		
bis(2-Chloroethyl) ether	2030	U	ND		1680	ug/kg	29		83	(0%-30%)		
bis(2-Ethylhexyl)phthalate	2030	J	29.2		1810	ug/kg	25		88	(0%-30%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2961936												
m,p-Cresols	2030	U	ND		1670	ug/kg	29		83	(0%-30%)	LL2	03/17/26 15:17
m-Nitroaniline	2030	U	ND		1250	ug/kg	30		62	(0%-30%)		
o-Cresol	2030	U	ND		1640	ug/kg	29		81	(0%-30%)		
o-Nitroaniline	2030	U	ND		1620	ug/kg	32	*	80	(0%-30%)		
p-Nitroaniline	2030	U	ND		1210	ug/kg	32	*	60	(0%-30%)		
**2,4,6-Tribromophenol	4060		2580		3230	ug/kg			79	(20%-104%)		
**2-Fluorobiphenyl	2030		1360		1460	ug/kg			72	(20%-93%)		
**2-Fluorophenol	4060		3200		2990	ug/kg			74	(19%-94%)		
**Nitrobenzene-d5	2030		1440		1410	ug/kg			70	(19%-90%)		
**Phenol-d5	4060		3270		3240	ug/kg			80	(20%-99%)		
**p-Terphenyl-d14	2030		1390		1570	ug/kg			78	(24%-107%)		
Semi-Volatiles-PCB												
Batch 2968579												
QC1206419897 LCS												
Aroclor-1016	33.2				25.1	ug/kg			76	(70%-130%)	JXM	03/27/26 14:34
Aroclor-1260	33.2				27.4	ug/kg			83	(70%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2968579										
**4cmx	6.64			4.17	ug/kg		63	(24%-118%)	JXM	03/27/26 14:34
**Decachlorobiphenyl	6.64			4.81	ug/kg		73	(31%-138%)		
QC1206419898 LCSD										
Aroclor-1016	33.2			23.7	ug/kg	6	72	(0%-30%)		03/27/26 14:45
Aroclor-1260	33.2			25.5	ug/kg	7	77	(0%-30%)		
**4cmx	6.63			4.02	ug/kg		61	(24%-118%)		
**Decachlorobiphenyl	6.63			4.61	ug/kg		70	(31%-138%)		
QC1206419896 MB										
Aroclor-1016			U	ND	ug/kg					03/27/26 14:22
Aroclor-1221			U	ND	ug/kg					
Aroclor-1232			U	ND	ug/kg					
Aroclor-1242			U	ND	ug/kg					
Aroclor-1248			U	ND	ug/kg					
Aroclor-1254			U	ND	ug/kg					
Aroclor-1260			U	ND	ug/kg					
Aroclor-1262			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2968579										
Aroclor-1268			U	ND	ug/kg				JXM	03/27/26 14:22
**4cmx	6.64			4.38	ug/kg		66	(24%-118%)		
**Decachlorobiphenyl	6.64			4.92	ug/kg		74	(31%-138%)		
Semi-Volatiles-Pesticide										
Batch 2963510										
QC1206410866 LCS										
4,4'-DDD	41.5			38.9	ug/kg		94	(70%-130%)	YS1	03/19/26 10:19
4,4'-DDE	41.5			39.0	ug/kg		94	(70%-130%)		
4,4'-DDT	41.5			40.7	ug/kg		98	(70%-130%)		
Aldrin	16.6			18.0	ug/kg		108	(70%-130%)		
Dieldrin	41.5			39.1	ug/kg		94	(70%-130%)		
Endosulfan I	16.6			13.7	ug/kg		82	(70%-130%)		
Endosulfan II	41.5			36.3	ug/kg		88	(70%-130%)		
Endosulfan sulfate	41.5			36.4	ug/kg		88	(70%-130%)		
Endrin	41.5			42.3	ug/kg		102	(70%-130%)		
Endrin aldehyde	41.5			40.7	ug/kg		98	(70%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2963510										
Endrin ketone	41.5			36.3	ug/kg		88	(70%-130%)	YS1	03/19/26 10:19
Heptachlor	16.6			14.4	ug/kg		87	(70%-130%)		
Heptachlor epoxide	16.6			15.8	ug/kg		95	(70%-130%)		
Methoxychlor	166			160	ug/kg		96	(70%-130%)		
alpha-BHC	16.6			14.8	ug/kg		90	(70%-130%)		
beta-BHC	16.6			13.4	ug/kg		81	(70%-130%)		
cis-Chlordane	16.6			14.3	ug/kg		86	(70%-130%)		
delta-BHC	16.6			15.9	ug/kg		96	(70%-130%)		
gamma-BHC (Lindane)	16.6			14.6	ug/kg		88	(70%-130%)		
trans-Chlordane	16.6			13.7	ug/kg		82	(70%-130%)		
**4cmx	33.2			31.5	ug/kg		95	(26%-130%)		
**Decachlorobiphenyl	33.2			30.6	ug/kg		92	(35%-151%)		
QC1206410869 LCS										
Toxaphene	133			128	ug/kg		96	(70%-130%)		03/19/26 10:42
**4cmx	33.2			29.5	ug/kg		89	(26%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2963510										
**Decachlorobiphenyl	33.2			28.9	ug/kg		87	(35%-151%)	YS1	03/19/26 10:42
QC1206410865 MB										
4,4'-DDD			U	ND	ug/kg					03/19/26 09:57
4,4'-DDE			U	ND	ug/kg					
4,4'-DDT			U	ND	ug/kg					
Aldrin			U	ND	ug/kg					
Dieldrin			U	ND	ug/kg					
Endosulfan I			U	ND	ug/kg					
Endosulfan II			U	ND	ug/kg					
Endosulfan sulfate			U	ND	ug/kg					
Endrin			U	ND	ug/kg					
Endrin aldehyde			U	ND	ug/kg					
Endrin ketone			U	ND	ug/kg					
Heptachlor			U	ND	ug/kg					
Heptachlor epoxide			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2963510										
Methoxychlor			U	ND	ug/kg				YS1	03/19/26 09:57
Toxaphene			U	ND	ug/kg					
alpha-BHC			U	ND	ug/kg					
beta-BHC			U	ND	ug/kg					
cis-Chlordane			U	ND	ug/kg					
delta-BHC			U	ND	ug/kg					
gamma-BHC (Lindane)			U	ND	ug/kg					
trans-Chlordane			U	ND	ug/kg					
**4cmx	33.1			28.7	ug/kg		87	(26%-130%)		
**Decachlorobiphenyl	33.1			28.0	ug/kg		85	(35%-151%)		
QC1206410867 768430013 MS										
4,4'-DDD	44.2	U	ND	39.6	ug/kg		90	(33%-154%)		03/19/26 11:26
4,4'-DDE	44.2	U	ND	39.5	ug/kg		89	(29%-150%)		
4,4'-DDT	44.2	U	ND	39.3	ug/kg		89	(19%-156%)		
Aldrin	17.7	U	ND	17.5	ug/kg		99	(26%-145%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2963510											
Dieldrin	44.2	U	ND		38.6	ug/kg		87	(28%-144%)	YS1	03/19/26 11:26
Endosulfan I	17.7	U	ND		13.2	ug/kg		75	(20%-140%)		
Endosulfan II	44.2	U	ND		35.3	ug/kg		80	(22%-143%)		
Endosulfan sulfate	44.2	U	ND		34.7	ug/kg		79	(25%-144%)		
Endrin	44.2	U	ND		45.7	ug/kg		103	(34%-164%)		
Endrin aldehyde	44.2	U	ND		41.8	ug/kg		95	(22%-149%)		
Endrin ketone	44.2	U	ND		35.8	ug/kg		81	(22%-142%)		
Heptachlor	17.7	U	ND		13.9	ug/kg		79	(21%-144%)		
Heptachlor epoxide	17.7	U	ND		15.7	ug/kg		89	(24%-148%)		
Methoxychlor	177	U	ND		151	ug/kg		86	(17%-150%)		
alpha-BHC	17.7	U	ND		15.0	ug/kg		85	(24%-143%)		
beta-BHC	17.7	U	ND		13.5	ug/kg		77	(22%-145%)		
cis-Chlordane	17.7	U	ND		13.8	ug/kg		78	(20%-142%)		
delta-BHC	17.7	U	ND		16.2	ug/kg		92	(21%-144%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2963510											
gamma-BHC (Lindane)	17.7	U	ND		15.0	ug/kg		85	(22%-140%)	YS1	03/19/26 11:26
trans-Chlordane	17.7	J	0.226		13.4	ug/kg		75	(21%-141%)		
**4cmx	35.3		21.7		28.2	ug/kg		80	(26%-130%)		
**Decachlorobiphenyl	35.3		24.2		27.5	ug/kg		78	(35%-151%)		
QC1206410868 768430013 MSD											
4,4'-DDD	44.2	U	ND		40.1	ug/kg	1	91	(0%-30%)		03/19/26 11:49
4,4'-DDE	44.2	U	ND		38.4	ug/kg	3	87	(0%-30%)		
4,4'-DDT	44.2	U	ND		38.1	ug/kg	3	86	(0%-30%)		
Aldrin	17.7	U	ND		16.5	ug/kg	6	93	(0%-30%)		
Dieldrin	44.2	U	ND		37.5	ug/kg	3	85	(0%-30%)		
Endosulfan I	17.7	U	ND		12.6	ug/kg	4	72	(0%-30%)		
Endosulfan II	44.2	U	ND		35.1	ug/kg	0	80	(0%-30%)		
Endosulfan sulfate	44.2	U	ND		35.4	ug/kg	2	80	(0%-30%)		
Endrin	44.2	U	ND		44.4	ug/kg	3	101	(0%-30%)		
Endrin aldehyde	44.2	U	ND		41.0	ug/kg	2	93	(0%-30%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2963510											
Endrin ketone	44.2	U	ND		37.2	ug/kg	4	84	(0%-30%)	YS1	03/19/26 11:49
Heptachlor	17.7	U	ND		13.1	ug/kg	6	74	(0%-30%)		
Heptachlor epoxide	17.7	U	ND		14.6	ug/kg	7	83	(0%-30%)		
Methoxychlor	177	U	ND		150	ug/kg	1	85	(0%-30%)		
alpha-BHC	17.7	U	ND		14.3	ug/kg	5	81	(0%-30%)		
beta-BHC	17.7	U	ND		12.9	ug/kg	5	73	(0%-30%)		
cis-Chlordane	17.7	U	ND		13.3	ug/kg	4	75	(0%-30%)		
delta-BHC	17.7	U	ND		15.5	ug/kg	4	88	(0%-30%)		
gamma-BHC (Lindane)	17.7	U	ND		14.3	ug/kg	5	81	(0%-30%)		
trans-Chlordane	17.7	J	0.226		12.7	ug/kg	6	71	(0%-30%)		
**4cmx	35.4		21.7		26.1	ug/kg		74	(26%-130%)		
**Decachlorobiphenyl	35.4		24.2		28.3	ug/kg		80	(35%-151%)		
Spectrometric Analysis											
Batch 2962943											
QC1206410029 768430008 DUP											
Hexavalent Chromium			0.919		0.881	mg/kg	4.19	^	(+/-0.334)	BR2	03/27/26 13:39

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis										
Batch 2962943										
QC1206410031 ILCS										
Hexavalent Chromium	6.23			6.24	mg/kg		100	(80%-120%)	BR2	03/27/26 13:39
QC1206410026 LCS										
Hexavalent Chromium	3.41			3.40	mg/kg		99.9	(80%-120%)		03/27/26 13:39
QC1206410025 MB										
Hexavalent Chromium			U	ND	mg/kg					03/27/26 13:39
QC1206410030 768430008 MS										
Hexavalent Chromium	3.34	0.919		4.02	mg/kg		92.7	(75%-125%)		03/27/26 13:39
Volatile-GC/MS										
Batch 2967250										
QC1206419148 LCS										
1,1,1-Trichloroethane	50.0			49.2	ug/L		98	(70%-130%)	JEB	03/26/26 07:26
1,1,2,2-Tetrachloroethane	50.0			66.7	ug/L		133 *	(70%-130%)		
1,1,2-Trichloroethane	50.0			60.0	ug/L		120	(70%-130%)		
1,1-Dichloroethane	50.0			55.9	ug/L		112	(70%-130%)		
1,1-Dichloroethylene	50.0			59.9	ug/L		120	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			41.4	ug/L		83	(70%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dibromoethane	50.0			57.9	ug/L		116	(70%-130%)	JEB	03/26/26 07:26
1,2-Dichlorobenzene	50.0			51.4	ug/L		103	(70%-130%)		
1,2-Dichloroethane	50.0			45.8	ug/L		92	(70%-130%)		
1,2-Dichloropropane	50.0			59.7	ug/L		119	(70%-130%)		
1,3-Dichlorobenzene	50.0			52.7	ug/L		105	(70%-130%)		
1,4-Dichlorobenzene	50.0			52.3	ug/L		105	(70%-130%)		
2-Butanone	250			280	ug/L		112	(70%-130%)		
2-Hexanone	250			298	ug/L		119	(70%-130%)		
4-Methyl-2-pentanone	250			311	ug/L		125	(70%-130%)		
Acetone	250			207	ug/L		83	(70%-130%)		
Benzene	50.0			54.9	ug/L		110	(70%-130%)		
Bromochloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Bromodichloromethane	50.0			56.4	ug/L		113	(70%-130%)		
Bromoform	50.0			49.2	ug/L		98	(70%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Bromomethane	50.0			45.0	ug/L		90	(70%-130%)	JEB	03/26/26 07:26
Carbon disulfide	250			289	ug/L		116	(70%-130%)		
Carbon tetrachloride	50.0			50.0	ug/L		100	(70%-130%)		
Chlorobenzene	50.0			51.7	ug/L		103	(70%-130%)		
Chloroethane	50.0			58.1	ug/L		116	(70%-130%)		
Chloroform	50.0			50.2	ug/L		100	(70%-130%)		
Chloromethane	50.0			44.4	ug/L		89	(70%-130%)		
Cyclohexane	50.0			60.7	ug/L		121	(70%-130%)		
Dibromochloromethane	50.0			47.4	ug/L		95	(70%-130%)		
Dichlorodifluoromethane	50.0			53.9	ug/L		108	(70%-130%)		
Ethylbenzene	50.0			53.6	ug/L		107	(70%-130%)		
Isopropylbenzene	50.0			62.3	ug/L		125	(70%-130%)		
Methyl acetate	250			288	ug/L		115	(70%-130%)		
Methylcyclohexane	50.0			55.9	ug/L		112	(70%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Methylene chloride	50.0			51.4	ug/L		103	(70%-130%)	JEB	03/26/26 07:26
Styrene	50.0			55.4	ug/L		111	(70%-130%)		
Tetrachloroethylene	50.0			49.7	ug/L		99	(70%-130%)		
Toluene	50.0			54.9	ug/L		110	(70%-130%)		
Trichloroethylene	50.0			52.3	ug/L		105	(70%-130%)		
Trichlorofluoromethane	50.0			43.4	ug/L		87	(70%-130%)		
Vinyl chloride	50.0			44.8	ug/L		90	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			53.1	ug/L		106	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			61.7	ug/L		123	(70%-130%)		
m,p-Xylenes	100			107	ug/L		107	(70%-130%)		
o-Xylene	50.0			52.6	ug/L		105	(70%-130%)		
tert-Butyl methyl ether	50.0			52.6	ug/L		105	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			55.4	ug/L		111	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			54.9	ug/L		110	(70%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
**1,2-Dichloroethane-d4	50.0			42.7	ug/L		85	(71%-131%)	JEB	03/26/26 07:26
**Bromofluorobenzene	50.0			53.5	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			48.3	ug/L		97	(77%-121%)		
QC1206419149 LCS										
1,4-Dioxane	2500			1490	ug/L		60*	(70%-130%)		03/26/26 08:17
Trichlorotrifluoroethane	250			199	ug/L		80	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			41.9	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0			52.6	ug/L		105	(77%-123%)		
**Toluene-d8	50.0			46.8	ug/L		94	(77%-121%)		
QC1206419150 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/26/26 09:08
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2,4-Trichlorobenzene			U	ND	ug/L				JEB	03/26/26 09:08
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Bromochloromethane			U	ND	ug/L				JEB	03/26/26 09:08
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Isopropylbenzene			U	ND	ug/L				JEB	03/26/26 09:08
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
o-Xylene				U	ND	ug/L				JEB	03/26/26 09:08
tert-Butyl methyl ether				U	ND	ug/L					
trans-1,2-Dichloroethylene				U	ND	ug/L					
trans-1,3-Dichloropropylene				U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0				41.1	ug/L		82	(71%-131%)		
**Bromofluorobenzene	50.0				48.1	ug/L		96	(77%-123%)		
**Toluene-d8	50.0				47.6	ug/L		95	(77%-121%)		
QC1206417830 769194001 MS											
1,1,1-Trichloroethane	50.0	U	ND		41.3	ug/L		83	(60%-123%)		03/26/26 12:30
1,1,2,2-Tetrachloroethane	50.0	U	ND		59.2	ug/L		118	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		52.9	ug/L		106	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		50.9	ug/L		102	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		40.1	ug/L		80	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		39.0	ug/L		78	(51%-129%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
1,2-Dibromo-3-chloropropane	50.0	U	ND		38.6	ug/L		77	(49%-133%)	JEB	03/26/26	12:30
1,2-Dibromoethane	50.0	U	ND		51.7	ug/L		103	(66%-125%)			
1,2-Dichlorobenzene	50.0	U	ND		43.4	ug/L		87	(58%-123%)			
1,2-Dichloroethane	50.0	U	ND		40.7	ug/L		81	(58%-130%)			
1,2-Dichloropropane	50.0	U	ND		51.9	ug/L		104	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		43.2	ug/L		86	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		43.1	ug/L		86	(54%-123%)			
2-Butanone	250	U	ND		268	ug/L		107	(59%-136%)			
2-Hexanone	250	U	ND		302	ug/L		121	(58%-145%)			
4-Methyl-2-pentanone	250	U	ND		299	ug/L		120	(63%-135%)			
Acetone	250	U	ND		195	ug/L		78	(50%-140%)			
Benzene	50.0	U	ND		47.3	ug/L		95	(64%-119%)			
Bromochloromethane	50.0	U	ND		43.2	ug/L		86	(63%-130%)			
Bromodichloromethane	50.0	U	ND		48.6	ug/L		97	(65%-125%)			

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
Bromoform	50.0	U	ND		41.9	ug/L		84	(49%-129%)	JEB	03/26/26 12:30
Bromomethane	50.0	U	ND		41.2	ug/L		82	(55%-154%)		
Carbon disulfide	250	U	ND		244	ug/L		98	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		41.9	ug/L		84	(60%-127%)		
Chlorobenzene	50.0	U	ND		44.2	ug/L		88	(61%-120%)		
Chloroethane	50.0	U	ND		53.4	ug/L		107	(60%-138%)		
Chloroform	50.0	U	ND		43.8	ug/L		88	(64%-122%)		
Chloromethane	50.0	U	ND		37.9	ug/L		76	(43%-161%)		
Cyclohexane	50.0	U	ND		51.2	ug/L		102	(51%-125%)		
Dibromochloromethane	50.0	U	ND		41.3	ug/L		83	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		43.9	ug/L		88	(37%-162%)		
Ethylbenzene	50.0	U	ND		45.2	ug/L		90	(57%-122%)		
Isopropylbenzene	50.0	U	ND		51.0	ug/L		102	(53%-128%)		
Methyl acetate	250	U	ND		265	ug/L		106	(58%-145%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Methylcyclohexane	50.0	U	ND		47.5	ug/L		95	(58%-122%)	JEB	03/26/26	12:30
Methylene chloride	50.0	U	ND		44.1	ug/L		88	(61%-135%)			
Styrene	50.0	U	ND		47.5	ug/L		95	(55%-125%)			
Tetrachloroethylene	50.0	U	ND		41.5	ug/L		83	(53%-124%)			
Toluene	50.0	U	ND		47.0	ug/L		94	(60%-120%)			
Trichloroethylene	50.0	U	ND		44.9	ug/L		90	(59%-126%)			
Trichlorofluoromethane	50.0	U	ND		39.4	ug/L		79	(51%-134%)			
Vinyl chloride	50.0	U	ND		39.4	ug/L		79	(42%-155%)			
cis-1,2-Dichloroethylene	50.0	U	ND		45.4	ug/L		91	(65%-124%)			
cis-1,3-Dichloropropylene	50.0	U	ND		52.0	ug/L		104	(61%-123%)			
m,p-Xylenes	100	U	ND		89.9	ug/L		90	(58%-122%)			
o-Xylene	50.0	U	ND		45.2	ug/L		90	(59%-123%)			
tert-Butyl methyl ether	50.0	U	ND		44.3	ug/L		89	(60%-124%)			
trans-1,2-Dichloroethylene	50.0	U	ND		47.5	ug/L		95	(64%-127%)			

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
trans-1,3-Dichloropropylene	50.0	U	ND		45.7	ug/L		91	(62%-127%)	JEB	03/26/26 12:30
**1,2-Dichloroethane-d4	50.0		43.4		43.1	ug/L		86	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		50.9	ug/L		102	(77%-123%)		
**Toluene-d8	50.0		46.8		47.6	ug/L		95	(77%-121%)		
QC1206417832 769194001 MS											
1,4-Dioxane	2500	U	ND		1660	ug/L		66	(50%-136%)		03/26/26 13:21
Trichlorotrifluoroethane	250	U	ND		194	ug/L		78	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.9	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		47.1	ug/L		94	(77%-121%)		
QC1206417831 769194001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.1	ug/L	7	88	(0%-20%)		03/26/26 12:56
1,1,2,2-Tetrachloroethane	50.0	U	ND		61.2	ug/L	3	122	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		53.9	ug/L	2	108	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		50.8	ug/L	4	102	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		53.6	ug/L	5	107	(0%-20%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
1,2,3-Trichlorobenzene	50.0	U	ND		44.5	ug/L	10	89	(0%-20%)	JEB	03/26/26	12:56
1,2,4-Trichlorobenzene	50.0	U	ND		42.4	ug/L	8	85	(0%-20%)			
1,2-Dibromo-3-chloropropane	50.0	U	ND		40.7	ug/L	5	81	(0%-20%)			
1,2-Dibromoethane	50.0	U	ND		52.1	ug/L	1	104	(0%-20%)			
1,2-Dichlorobenzene	50.0	U	ND		45.6	ug/L	5	91	(0%-20%)			
1,2-Dichloroethane	50.0	U	ND		41.4	ug/L	2	83	(0%-20%)			
1,2-Dichloropropane	50.0	U	ND		53.4	ug/L	3	107	(0%-20%)			
1,3-Dichlorobenzene	50.0	U	ND		45.1	ug/L	4	90	(0%-20%)			
1,4-Dichlorobenzene	50.0	U	ND		44.9	ug/L	4	90	(0%-20%)			
2-Butanone	250	U	ND		266	ug/L	1	106	(0%-20%)			
2-Hexanone	250	U	ND		290	ug/L	4	116	(0%-20%)			
4-Methyl-2-pentanone	250	U	ND		296	ug/L	1	119	(0%-20%)			
Acetone	250	U	ND		198	ug/L	1	79	(0%-20%)			
Benzene	50.0	U	ND		49.3	ug/L	4	99	(0%-20%)			

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Bromochloromethane	50.0	U	ND		44.6	ug/L	3	89	(0%-20%)	JEB	03/26/26	12:56
Bromodichloromethane	50.0	U	ND		50.5	ug/L	4	101	(0%-20%)			
Bromoform	50.0	U	ND		43.8	ug/L	4	88	(0%-20%)			
Bromomethane	50.0	U	ND		44.2	ug/L	7	88	(0%-20%)			
Carbon disulfide	250	U	ND		257	ug/L	5	103	(0%-20%)			
Carbon tetrachloride	50.0	U	ND		44.5	ug/L	6	89	(0%-20%)			
Chlorobenzene	50.0	U	ND		45.7	ug/L	3	91	(0%-20%)			
Chloroethane	50.0	U	ND		56.7	ug/L	6	113	(0%-20%)			
Chloroform	50.0	U	ND		45.7	ug/L	4	91	(0%-20%)			
Chloromethane	50.0	U	ND		40.3	ug/L	6	81	(0%-20%)			
Cyclohexane	50.0	U	ND		54.5	ug/L	6	109	(0%-20%)			
Dibromochloromethane	50.0	U	ND		42.5	ug/L	3	85	(0%-20%)			
Dichlorodifluoromethane	50.0	U	ND		46.8	ug/L	6	94	(0%-20%)			
Ethylbenzene	50.0	U	ND		47.4	ug/L	5	95	(0%-20%)			

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
Isopropylbenzene	50.0	U	ND		55.6	ug/L	9	111	(0%-20%)	JEB	03/26/26 12:56
Methyl acetate	250	U	ND		265	ug/L	0	106	(0%-20%)		
Methylcyclohexane	50.0	U	ND		50.1	ug/L	5	100	(0%-20%)		
Methylene chloride	50.0	U	ND		46.3	ug/L	5	93	(0%-20%)		
Styrene	50.0	U	ND		48.4	ug/L	2	97	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		43.2	ug/L	4	86	(0%-20%)		
Toluene	50.0	U	ND		49.1	ug/L	4	98	(0%-20%)		
Trichloroethylene	50.0	U	ND		46.8	ug/L	4	94	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		41.9	ug/L	6	84	(0%-20%)		
Vinyl chloride	50.0	U	ND		41.7	ug/L	6	83	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		47.6	ug/L	5	95	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		53.6	ug/L	3	107	(0%-20%)		
m,p-Xylenes	100	U	ND		93.9	ug/L	4	94	(0%-20%)		
o-Xylene	50.0	U	ND		47.2	ug/L	4	94	(0%-20%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
tert-Butyl methyl ether	50.0	U	ND		46.6	ug/L	5	93	(0%-20%)	JEB	03/26/26 12:56
trans-1,2-Dichloroethylene	50.0	U	ND		49.9	ug/L	5	100	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.7	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		46.8		47.4	ug/L		95	(77%-121%)		
QC1206417833 769194001 MSD											
1,4-Dioxane	2500	U	ND		1560	ug/L	6	62	(0%-20%)		03/26/26 13:46
Trichlorotrifluoroethane	250	U	ND		210	ug/L	8	84	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.0	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		52.2	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		48.4	ug/L		97	(77%-121%)		
Batch 2968103											
QC1206419279 LCS											
1,1,1-Trichloroethane	50.0				55.5	ug/kg		111	(72%-126%)	CO1	03/26/26 08:03
1,1,2,2-Tetrachloroethane	50.0				43.6	ug/kg		87	(69%-120%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
1,1,2-Trichloroethane	50.0			48.1	ug/kg		96	(74%-120%)	CO1	03/26/26 08:03
1,1-Dichloroethane	50.0			54.4	ug/kg		109	(72%-126%)		
1,1-Dichloroethylene	50.0			59.5	ug/kg		119	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			48.2	ug/kg		96	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			47.7	ug/kg		95	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			48.3	ug/kg		97	(60%-135%)		
1,2-Dibromoethane	50.0			50.0	ug/kg		100	(79%-120%)		
1,2-Dichlorobenzene	50.0			46.9	ug/kg		94	(73%-120%)		
1,2-Dichloroethane	50.0			51.9	ug/kg		104	(66%-123%)		
1,2-Dichloropropane	50.0			51.5	ug/kg		103	(72%-120%)		
1,3-Dichlorobenzene	50.0			47.5	ug/kg		95	(72%-120%)		
1,4-Dichlorobenzene	50.0			46.9	ug/kg		94	(72%-120%)		
2-Butanone	250			264	ug/kg		106	(66%-125%)		
2-Hexanone	250			276	ug/kg		111	(64%-131%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
4-Methyl-2-pentanone	250			255	ug/kg		102	(70%-126%)	CO1	03/26/26 08:03
Acetone	250			256	ug/kg		102	(60%-124%)		
Benzene	50.0			50.0	ug/kg		100	(73%-120%)		
Bromochloromethane	50.0			52.8	ug/kg		106	(73%-123%)		
Bromodichloromethane	50.0			53.4	ug/kg		107	(74%-124%)		
Bromoform	50.0			48.1	ug/kg		96	(64%-126%)		
Bromomethane	50.0			67.5	ug/kg		135	(67%-138%)		
Carbon disulfide	250			291	ug/kg		116	(69%-136%)		
Carbon tetrachloride	50.0			56.9	ug/kg		114	(72%-132%)		
Chlorobenzene	50.0			48.2	ug/kg		96	(74%-120%)		
Chloroethane	50.0			64.0	ug/kg		128	(69%-133%)		
Chloroform	50.0			52.6	ug/kg		105	(72%-122%)		
Chloromethane	50.0			49.5	ug/kg		99	(53%-142%)		
Cyclohexane	50.0			49.2	ug/kg		98	(63%-130%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Dibromochloromethane	50.0			52.6	ug/kg		105	(73%-125%)	CO1	03/26/26 08:03
Dichlorodifluoromethane	50.0			63.0	ug/kg		126	(57%-150%)		
Ethylbenzene	50.0			49.9	ug/kg		100	(72%-120%)		
Isopropylbenzene	50.0			46.9	ug/kg		94	(74%-129%)		
Methyl acetate	250			286	ug/kg		114	(66%-131%)		
Methylcyclohexane	50.0			50.7	ug/kg		101	(71%-127%)		
Methylene chloride	50.0			53.5	ug/kg		107	(71%-124%)		
Styrene	50.0			49.5	ug/kg		99	(70%-123%)		
Tetrachloroethylene	50.0			49.9	ug/kg		100	(68%-126%)		
Toluene	50.0			50.5	ug/kg		101	(73%-120%)		
Trichloroethylene	50.0			52.5	ug/kg		105	(74%-122%)		
Trichlorofluoromethane	50.0			55.5	ug/kg		111	(66%-137%)		
Vinyl chloride	50.0			51.3	ug/kg		103	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			52.6	ug/kg		105	(73%-122%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
cis-1,3-Dichloropropylene	50.0			54.8	ug/kg		110	(74%-123%)	CO1	03/26/26 08:03
m,p-Xylenes	100			99.9	ug/kg		100	(72%-121%)		
o-Xylene	50.0			49.9	ug/kg		100	(73%-120%)		
tert-Butyl methyl ether	50.0			52.3	ug/kg		105	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			56.3	ug/kg		113	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			52.4	ug/kg		105	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			51.9	ug/L		104	(75%-131%)		
**Bromofluorobenzene	50.0			44.0	ug/L		88	(67%-136%)		
**Toluene-d8	50.0			49.4	ug/L		99	(79%-122%)		
QC1206419280 LCS										
1,4-Dioxane	2500			2330	ug/kg		93	(57%-134%)		03/26/26 08:53
Trichlorotrifluoroethane	250			233	ug/kg		93	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			52.4	ug/L		105	(75%-131%)		
**Bromofluorobenzene	50.0			46.9	ug/L		94	(67%-136%)		
**Toluene-d8	50.0			48.6	ug/L		97	(79%-122%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
QC1206420093 LCS										
1,1,1-Trichloroethane	50.0			48.9	ug/kg		98	(72%-126%)	PXY1	03/26/26 09:54
1,1,2,2-Tetrachloroethane	50.0			46.6	ug/kg		93	(69%-120%)		
1,1,2-Trichloroethane	50.0			44.7	ug/kg		89	(74%-120%)		
1,1-Dichloroethane	50.0			46.9	ug/kg		94	(72%-126%)		
1,1-Dichloroethylene	50.0			51.6	ug/kg		103	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			45.5	ug/kg		91	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			47.0	ug/kg		94	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			46.7	ug/kg		93	(60%-135%)		
1,2-Dibromoethane	50.0			45.8	ug/kg		92	(79%-120%)		
1,2-Dichlorobenzene	50.0			45.7	ug/kg		91	(73%-120%)		
1,2-Dichloroethane	50.0			45.0	ug/kg		90	(66%-123%)		
1,2-Dichloropropane	50.0			46.4	ug/kg		93	(72%-120%)		
1,3-Dichlorobenzene	50.0			45.9	ug/kg		92	(72%-120%)		
1,4-Dichlorobenzene	50.0			46.5	ug/kg		93	(72%-120%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
2-Butanone	250			222	ug/kg		89	(66%-125%)	PXY1	03/26/26 09:54
2-Hexanone	250			217	ug/kg		87	(64%-131%)		
4-Methyl-2-pentanone	250			226	ug/kg		90	(70%-126%)		
Acetone	250			221	ug/kg		88	(60%-124%)		
Benzene	50.0			46.9	ug/kg		94	(73%-120%)		
Bromochloromethane	50.0			48.7	ug/kg		97	(73%-123%)		
Bromodichloromethane	50.0			45.4	ug/kg		91	(74%-124%)		
Bromoform	50.0			45.9	ug/kg		92	(64%-126%)		
Bromomethane	50.0			50.7	ug/kg		101	(67%-138%)		
Carbon disulfide	250			241	ug/kg		96	(69%-136%)		
Carbon tetrachloride	50.0			47.9	ug/kg		96	(72%-132%)		
Chlorobenzene	50.0			45.3	ug/kg		91	(74%-120%)		
Chloroethane	50.0			52.8	ug/kg		106	(69%-133%)		
Chloroform	50.0			47.2	ug/kg		94	(72%-122%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Chloromethane	50.0			57.9	ug/kg		116	(53%-142%)	PXY1	03/26/26 09:54
Cyclohexane	50.0			47.6	ug/kg		95	(63%-130%)		
Dibromochloromethane	50.0			46.1	ug/kg		92	(73%-125%)		
Dichlorodifluoromethane	50.0			55.9	ug/kg		112	(57%-150%)		
Ethylbenzene	50.0			45.5	ug/kg		91	(72%-120%)		
Isopropylbenzene	50.0			44.6	ug/kg		89	(74%-129%)		
Methyl acetate	250			234	ug/kg		94	(66%-131%)		
Methylcyclohexane	50.0			47.4	ug/kg		95	(71%-127%)		
Methylene chloride	50.0			49.9	ug/kg		100	(71%-124%)		
Styrene	50.0			46.3	ug/kg		93	(70%-123%)		
Tetrachloroethylene	50.0			43.7	ug/kg		87	(68%-126%)		
Toluene	50.0			45.1	ug/kg		90	(73%-120%)		
Trichloroethylene	50.0			49.3	ug/kg		99	(74%-122%)		
Trichlorofluoromethane	50.0			51.2	ug/kg		102	(66%-137%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Vinyl chloride	50.0			54.2	ug/kg		108	(54%-142%)	PXY1	03/26/26 09:54
cis-1,2-Dichloroethylene	50.0			49.1	ug/kg		98	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			46.1	ug/kg		92	(74%-123%)		
m,p-Xylenes	100			92.7	ug/kg		93	(72%-121%)		
o-Xylene	50.0			46.1	ug/kg		92	(73%-120%)		
tert-Butyl methyl ether	50.0			46.6	ug/kg		93	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			49.6	ug/kg		99	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			44.1	ug/kg		88	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			49.9	ug/L		100	(75%-131%)		
**Bromofluorobenzene	50.0			50.6	ug/L		101	(67%-136%)		
**Toluene-d8	50.0			49.2	ug/L		98	(79%-122%)		
QC1206420094 LCS										
1,4-Dioxane	2500			2610	ug/kg		105	(57%-134%)		03/26/26 10:47
Trichlorotrifluoroethane	250			216	ug/kg		86	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			51.5	ug/L		103	(75%-131%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
**Bromofluorobenzene	50.0			49.0	ug/L		98	(67%-136%)	PXY1	03/26/26 10:47
**Toluene-d8	50.0			49.5	ug/L		99	(79%-122%)		
QC1206420096 LCS										
1,1,1-Trichloroethane	50.0			44.7	ug/kg		89	(72%-126%)		03/26/26 08:48
1,1,2,2-Tetrachloroethane	50.0			46.8	ug/kg		94	(69%-120%)		
1,1,2-Trichloroethane	50.0			44.8	ug/kg		90	(74%-120%)		
1,1-Dichloroethane	50.0			48.1	ug/kg		96	(72%-126%)		
1,1-Dichloroethylene	50.0			50.3	ug/kg		101	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			50.2	ug/kg		100	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			48.9	ug/kg		98	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			46.7	ug/kg		93	(60%-135%)		
1,2-Dibromoethane	50.0			46.7	ug/kg		93	(79%-120%)		
1,2-Dichlorobenzene	50.0			47.4	ug/kg		95	(73%-120%)		
1,2-Dichloroethane	50.0			43.4	ug/kg		87	(66%-123%)		
1,2-Dichloropropane	50.0			45.1	ug/kg		90	(72%-120%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
1,3-Dichlorobenzene	50.0			46.4	ug/kg		93	(72%-120%)	PXY1	03/26/26 08:48
1,4-Dichlorobenzene	50.0			45.0	ug/kg		90	(72%-120%)		
2-Butanone	250			228	ug/kg		91	(66%-125%)		
2-Hexanone	250			237	ug/kg		95	(64%-131%)		
4-Methyl-2-pentanone	250			239	ug/kg		95	(70%-126%)		
Acetone	250			228	ug/kg		91	(60%-124%)		
Benzene	50.0			45.5	ug/kg		91	(73%-120%)		
Bromochloromethane	50.0			49.2	ug/kg		98	(73%-123%)		
Bromodichloromethane	50.0			45.1	ug/kg		90	(74%-124%)		
Bromoform	50.0			48.7	ug/kg		97	(64%-126%)		
Bromomethane	50.0			46.4	ug/kg		93	(67%-138%)		
Carbon disulfide	250			255	ug/kg		102	(69%-136%)		
Carbon tetrachloride	50.0			44.3	ug/kg		89	(72%-132%)		
Chlorobenzene	50.0			45.1	ug/kg		90	(74%-120%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Chloroethane	50.0			46.5	ug/kg		93	(69%-133%)	PXY1	03/26/26 08:48
Chloroform	50.0			46.6	ug/kg		93	(72%-122%)		
Chloromethane	50.0			55.9	ug/kg		112	(53%-142%)		
Cyclohexane	50.0			49.6	ug/kg		99	(63%-130%)		
Dibromochloromethane	50.0			46.6	ug/kg		93	(73%-125%)		
Dichlorodifluoromethane	50.0			42.1	ug/kg		84	(57%-150%)		
Ethylbenzene	50.0			46.2	ug/kg		92	(72%-120%)		
Isopropylbenzene	50.0			49.3	ug/kg		99	(74%-129%)		
Methyl acetate	250			235	ug/kg		94	(66%-131%)		
Methylcyclohexane	50.0			48.4	ug/kg		97	(71%-127%)		
Methylene chloride	50.0			49.0	ug/kg		98	(71%-124%)		
Styrene	50.0			49.9	ug/kg		100	(70%-123%)		
Tetrachloroethylene	50.0			44.5	ug/kg		89	(68%-126%)		
Toluene	50.0			43.8	ug/kg		88	(73%-120%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Trichloroethylene	50.0			44.7	ug/kg		89	(74%-122%)	PXY1	03/26/26 08:48
Trichlorofluoromethane	50.0			42.7	ug/kg		85	(66%-137%)		
Vinyl chloride	50.0			56.6	ug/kg		113	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			48.6	ug/kg		97	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			46.3	ug/kg		93	(74%-123%)		
m,p-Xylenes	100			94.8	ug/kg		95	(72%-121%)		
o-Xylene	50.0			47.3	ug/kg		95	(73%-120%)		
tert-Butyl methyl ether	50.0			50.3	ug/kg		101	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			49.4	ug/kg		99	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			46.0	ug/kg		92	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			45.6	ug/L		91	(75%-131%)		
**Bromofluorobenzene	50.0			47.4	ug/L		95	(67%-136%)		
**Toluene-d8	50.0			46.2	ug/L		92	(79%-122%)		
QC1206420097 LCS										
1,4-Dioxane	2500			2210	ug/kg		88	(57%-134%)		03/26/26 09:44

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Trichlorotrifluoroethane	250			239	ug/kg		96	(59%-136%)	PXY1	03/26/26 09:44
**1,2-Dichloroethane-d4	50.0			45.3	ug/L		91	(75%-131%)		
**Bromofluorobenzene	50.0			50.1	ug/L		100	(67%-136%)		
**Toluene-d8	50.0			46.2	ug/L		92	(79%-122%)		
QC1206419281 MB										
1,1,1-Trichloroethane			U	ND	ug/kg				CO1	03/26/26 10:09
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
1,2-Dichloroethane			U	ND	ug/kg				CO1	03/26/26 10:09
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Carbon disulfide			U	ND	ug/kg				CO1	03/26/26 10:09
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Styrene			U	ND	ug/kg				CO1	03/26/26 10:09
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
**1,2-Dichloroethane-d4	50.0			51.9	ug/L		104	(75%-131%)	CO1	03/26/26 10:09
**Bromofluorobenzene	50.0			47.0	ug/L		94	(67%-136%)		
**Toluene-d8	50.0			50.1	ug/L		100	(79%-122%)		
QC1206420095 MB										
1,1,1-Trichloroethane			U	ND	ug/kg				PXY1	03/26/26 12:06
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
1,2-Dichloropropane			U	ND	ug/kg				PXY1	03/26/26 12:06
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Carbon tetrachloride			U	ND	ug/kg				PXY1	03/26/26 12:06
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Tetrachloroethylene			U	ND	ug/kg				PXY1	03/26/26 12:06
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			49.7	ug/L		99	(75%-131%)		

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2968103											
**Bromofluorobenzene	50.0			50.4	ug/L		101	(67%-136%)	PXY1	03/26/26	12:06
**Toluene-d8	50.0			51.9	ug/L		104	(79%-122%)			
QC1206420098 MB											
1,1,1-Trichloroethane			U	ND	ug/kg					03/26/26	11:07
1,1,2,2-Tetrachloroethane			U	ND	ug/kg						
1,1,2-Trichloroethane			U	ND	ug/kg						
1,1-Dichloroethane			U	ND	ug/kg						
1,1-Dichloroethylene			U	ND	ug/kg						
1,2,3-Trichlorobenzene			U	ND	ug/kg						
1,2,4-Trichlorobenzene			U	ND	ug/kg						
1,2-Dibromo-3-chloropropane			U	ND	ug/kg						
1,2-Dibromoethane			U	ND	ug/kg						
1,2-Dichlorobenzene			U	ND	ug/kg						
1,2-Dichloroethane			U	ND	ug/kg						
1,2-Dichloropropane			U	ND	ug/kg						

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
1,3-Dichlorobenzene			U	ND	ug/kg				PXY1	03/26/26 11:07
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Chlorobenzene			U	ND	ug/kg				PXY1	03/26/26 11:07
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					

QC Summary

Workorder: **768430**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2968103										
Toluene			U	ND	ug/kg				PXY1	03/26/26 11:07
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			46.6	ug/L		93	(75%-131%)		
**Bromofluorobenzene	50.0			44.8	ug/L		90	(67%-136%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2968103											
**Toluene-d8	50.0				47.4	ug/L		95	(79%-122%)	PXY1	03/26/26 11:07
QC1206419282 768703002 MS											
1,1,1-Trichloroethane	4900	U	ND		3640	ug/kg		74	(41%-133%)		03/26/26 19:28
1,1,2,2-Tetrachloroethane	4900	U	ND		4560	ug/kg		93	(37%-136%)		
1,1,2-Trichloroethane	4900	U	ND		5070	ug/kg		104	(44%-128%)		
1,1-Dichloroethane	4900	U	ND		3740	ug/kg		76	(44%-135%)		
1,1-Dichloroethylene	4900	U	ND		3850	ug/kg		79	(40%-147%)		
1,2,3-Trichlorobenzene	4900	U	ND		2370	ug/kg		48	(30%-133%)		
1,2,4-Trichlorobenzene	4900	U	ND		2750	ug/kg		56	(29%-139%)		
1,2-Dibromo-3-chloropropane	4900	U	ND		4130	ug/kg		84	(30%-142%)		
1,2-Dibromoethane	4900	U	ND		4060	ug/kg		83	(45%-133%)		
1,2-Dichlorobenzene	4900	U	ND		3750	ug/kg		77	(24%-133%)		
1,2-Dichloroethane	4900	U	ND		3500	ug/kg		71	(43%-129%)		
1,2-Dichloropropane	4900	U	ND		3680	ug/kg		75	(44%-128%)		
1,3-Dichlorobenzene	4900	U	ND		3820	ug/kg		78	(24%-132%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2968103												
1,4-Dichlorobenzene	4900	U	ND		3790	ug/kg		77	(24%-132%)	PXY1	03/26/26	19:28
2-Butanone	24500	U	ND		21100	ug/kg		86	(43%-134%)			
2-Hexanone	24500	U	ND		22900	ug/kg		93	(34%-142%)			
4-Methyl-2-pentanone	24500	U	ND		22700	ug/kg		93	(44%-137%)			
Acetone	24500	U	ND		20800	ug/kg		85	(37%-134%)			
Benzene	4900	U	ND		3850	ug/kg		79	(43%-127%)			
Bromochloromethane	4900	U	ND		3720	ug/kg		76	(45%-132%)			
Bromodichloromethane	4900	U	ND		3610	ug/kg		74	(44%-130%)			
Bromoform	4900	U	ND		3780	ug/kg		77	(34%-131%)			
Bromomethane	4900	U	ND		871	ug/kg		18	(15%-150%)			
Carbon disulfide	24500	U	ND		19800	ug/kg		81	(39%-145%)			
Carbon tetrachloride	4900	U	ND		3550	ug/kg		72	(40%-137%)			
Chlorobenzene	4900	U	ND		3750	ug/kg		77	(35%-128%)			
Chloroethane	4900	U	ND		2940	ug/kg		60	(35%-142%)			

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2968103											
Chloroform	4900	U	ND		3670	ug/kg		75	(44%-129%)	PXY1	03/26/26 19:28
Chloromethane	4900	U	ND		4520	ug/kg		92	(32%-150%)		
Cyclohexane	4900		5450		8660	ug/kg		66	(30%-136%)		
Dibromochloromethane	4900	U	ND		3830	ug/kg		78	(42%-130%)		
Dichlorodifluoromethane	4900	U	ND		4110	ug/kg		84	(31%-159%)		
Ethylbenzene	4900	U	ND		3970	ug/kg		81	(33%-131%)		
Isopropylbenzene	4900		834		5020	ug/kg		85	(27%-147%)		
Methyl acetate	24500	U	ND		22500	ug/kg		92	(42%-154%)		
Methylcyclohexane	4900	E	10500	E	13400	ug/kg		58	(27%-137%)		
Methylene chloride	4900	U	ND		3900	ug/kg		79	(43%-136%)		
Styrene	4900	U	ND		3900	ug/kg		80	(29%-133%)		
Tetrachloroethylene	4900	U	ND		3920	ug/kg		80	(31%-134%)		
Toluene	4900	U	ND		4000	ug/kg		82	(35%-132%)		
Trichloroethylene	4900	U	ND		3860	ug/kg		79	(39%-133%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2968103											
Trichlorofluoromethane	4900	U	ND		3330	ug/kg		68	(39%-140%)	PXY1	03/26/26 19:28
Vinyl chloride	4900	U	ND		4150	ug/kg		85	(32%-146%)		
cis-1,2-Dichloroethylene	4900	U	ND		3910	ug/kg		80	(43%-131%)		
cis-1,3-Dichloropropylene	4900	U	ND		3670	ug/kg		75	(38%-131%)		
m,p-Xylenes	9800	U	ND		7940	ug/kg		81	(32%-131%)		
o-Xylene	4900	U	ND		4160	ug/kg		85	(33%-131%)		
tert-Butyl methyl ether	4900	U	ND		3650	ug/kg		75	(46%-128%)		
trans-1,2-Dichloroethylene	4900	U	ND		4030	ug/kg		82	(41%-135%)		
trans-1,3-Dichloropropylene	4900	U	ND		3800	ug/kg		77	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		49.7		45.2	ug/L		90	(75%-131%)		
**Bromofluorobenzene	50.0		50.3		51.9	ug/L		104	(67%-136%)		
**Toluene-d8	50.0		57.0		57.8	ug/L		116	(79%-122%)		
QC1206419284 768703002 MS											
1,4-Dioxane	245000	U	ND		209000	ug/kg		85	(40%-142%)		03/26/26 20:20
Trichlorotrifluoroethane	24500	U	ND		15600	ug/kg		64	(35%-133%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS												
Batch 2968103												
**1,2-Dichloroethane-d4	50.0		49.7		44.5	ug/L			89	(75%-131%)	PXY1	03/26/26 20:20
**Bromofluorobenzene	50.0		50.3		50.3	ug/L			101	(67%-136%)		
**Toluene-d8	50.0		57.0		59.5	ug/L			119	(79%-122%)		
QC1206419283 768703002 MSD												
1,1,1-Trichloroethane	4900	U	ND		3760	ug/kg	3		77	(0%-20%)		03/26/26 19:54
1,1,2,2-Tetrachloroethane	4900	U	ND		4620	ug/kg	1		94	(0%-20%)		
1,1,2-Trichloroethane	4900	U	ND		5020	ug/kg	1		102	(0%-20%)		
1,1-Dichloroethane	4900	U	ND		3770	ug/kg	1		77	(0%-20%)		
1,1-Dichloroethylene	4900	U	ND		4100	ug/kg	6		84	(0%-20%)		
1,2,3-Trichlorobenzene	4900	U	ND		1670	ug/kg	35	*	34	(0%-20%)		
1,2,4-Trichlorobenzene	4900	U	ND		2420	ug/kg	13		49	(0%-20%)		
1,2-Dibromo-3-chloropropane	4900	U	ND		3280	ug/kg	23	*	67	(0%-20%)		
1,2-Dibromoethane	4900	U	ND		4220	ug/kg	4		86	(0%-20%)		
1,2-Dichlorobenzene	4900	U	ND		3870	ug/kg	3		79	(0%-20%)		
1,2-Dichloroethane	4900	U	ND		3540	ug/kg	1		72	(0%-20%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2968103											
1,2-Dichloropropane	4900	U	ND		3870	ug/kg	5	79	(0%-20%)	PXY1	03/26/26 19:54
1,3-Dichlorobenzene	4900	U	ND		3980	ug/kg	4	81	(0%-20%)		
1,4-Dichlorobenzene	4900	U	ND		3990	ug/kg	5	81	(0%-20%)		
2-Butanone	24500	U	ND		22500	ug/kg	6	92	(0%-20%)		
2-Hexanone	24500	U	ND		22600	ug/kg	1	92	(0%-20%)		
4-Methyl-2-pentanone	24500	U	ND		22800	ug/kg	1	93	(0%-20%)		
Acetone	24500	U	ND		21900	ug/kg	5	89	(0%-20%)		
Benzene	4900	U	ND		3850	ug/kg	0	78	(0%-20%)		
Bromochloromethane	4900	U	ND		3660	ug/kg	2	75	(0%-20%)		
Bromodichloromethane	4900	U	ND		3680	ug/kg	2	75	(0%-20%)		
Bromoform	4900	U	ND		3970	ug/kg	5	81	(0%-20%)		
Bromomethane	4900	U	ND		916	ug/kg	5	19	(0%-20%)		
Carbon disulfide	24500	U	ND		20300	ug/kg	3	83	(0%-20%)		
Carbon tetrachloride	4900	U	ND		3650	ug/kg	3	74	(0%-20%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS												
Batch 2968103												
Chlorobenzene	4900	U	ND		3920	ug/kg	4		80	(0%-20%)	PXY1	03/26/26 19:54
Chloroethane	4900	U	ND		2350	ug/kg	22	*	48	(0%-20%)		
Chloroform	4900	U	ND		3670	ug/kg	0		75	(0%-20%)		
Chloromethane	4900	U	ND		4050	ug/kg	11		83	(0%-20%)		
Cyclohexane	4900		5450		8970	ug/kg	4		72	(0%-20%)		
Dibromochloromethane	4900	U	ND		3870	ug/kg	1		79	(0%-20%)		
Dichlorodifluoromethane	4900	U	ND		4090	ug/kg	0		83	(0%-20%)		
Ethylbenzene	4900	U	ND		4010	ug/kg	1		82	(0%-20%)		
Isopropylbenzene	4900		834		5320	ug/kg	6		91	(0%-20%)		
Methyl acetate	24500	U	ND		23400	ug/kg	4		95	(0%-20%)		
Methylcyclohexane	4900	E	10500	E	14300	ug/kg	7		77	(0%-20%)		
Methylene chloride	4900	U	ND		3840	ug/kg	1		78	(0%-20%)		
Styrene	4900	U	ND		3890	ug/kg	0		79	(0%-20%)		
Tetrachloroethylene	4900	U	ND		3990	ug/kg	2		81	(0%-20%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2968103											
Toluene	4900	U	ND		4070	ug/kg	2	83	(0%-20%)	PXY1	03/26/26 19:54
Trichloroethylene	4900	U	ND		3910	ug/kg	1	80	(0%-20%)		
Trichlorofluoromethane	4900	U	ND		3390	ug/kg	2	69	(0%-20%)		
Vinyl chloride	4900	U	ND		3890	ug/kg	7	79	(0%-20%)		
cis-1,2-Dichloroethylene	4900	U	ND		3940	ug/kg	1	80	(0%-20%)		
cis-1,3-Dichloropropylene	4900	U	ND		3680	ug/kg	0	75	(0%-20%)		
m,p-Xylenes	9800	U	ND		8050	ug/kg	1	82	(0%-20%)		
o-Xylene	4900	U	ND		4060	ug/kg	2	83	(0%-20%)		
tert-Butyl methyl ether	4900	U	ND		3600	ug/kg	2	73	(0%-20%)		
trans-1,2-Dichloroethylene	4900	U	ND		3970	ug/kg	2	81	(0%-20%)		
trans-1,3-Dichloropropylene	4900	U	ND		3750	ug/kg	1	76	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		49.7		44.3	ug/L		89	(75%-131%)		
**Bromofluorobenzene	50.0		50.3		53.5	ug/L		107	(67%-136%)		
**Toluene-d8	50.0		57.0		58.4	ug/L		117	(79%-122%)		

QC Summary

Workorder: **768430**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2968103												
QC1206419285 768703002 MSD												
1,4-Dioxane	245000	U	ND		198000	ug/kg	5	81	(0%-20%)	PXY1	03/26/26	20:46
Trichlorotrifluoroethane	24500	U	ND		15400	ug/kg	1	63	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		49.7		43.3	ug/L		87	(75%-131%)			
**Bromofluorobenzene	50.0		50.3		51.2	ug/L		102	(67%-136%)			
**Toluene-d8	50.0		57.0		59.0	ug/L		118	(79%-122%)			

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

J J Value is estimated

E E Concentration of the target analyte exceeds the instrument calibration range

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 768430
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St., Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TAL Metals, TCL SVOCs	<-- Preservative Type (6)	Comments
LS-TB-031326	03-13-26	1030	TB	N	DI			3	3			Note: extra sample is required for sample specific QC
LS-SB-03-1.0		1050	G	N	SO			1		1		
LS-SB-03-3.0		1055	G	N	SO			5	4	1		
LS-SB-39-1.0		1120	G	N	SO			1		1		
LS-SB-39-1.0 DP		1122	FD	N	SO			1		1		
LS-SB-23-1.0		1140	G	N	SO			1		1		
LS-SB-23-3.0		1145	G	N	SO			5	4	1		
LS-SB-22-1.0		1205	G	N	SO			1		1		
LS-SB-24-1.0		1220	G	N	SO			1		1		
LS-SB-24-3.0		1225	G	N	SO			5	4	1		

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3-13-26	1755	M. Stevens	3-13-26	1755
2						
3						

TAT Requested: Normal: ✓ Rush: ____ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 6+2 °C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate. If no preservative is added = leave field blank.

7) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St., Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TAL Metals	TCL SVOCs	Cr, TCL PCBs, TCL Pesticides	<-- Preservative Type (6)	Comments
LS-SB-06-1.0	03-13-26	1305	G	N	SO			1		1				Note: extra sample is required for sample specific QC
LS-SB-06-4.0		1310	G	N	SO			5	4	1				
LS-SB-16-1.0		1325	G	N	SO			2		1	1			
LS-SB-16-3.0		1330	G	N	SO			6	4	1	1			
LS-SB-05-1.0		1410	G	N	SO			1		1				
LS-SB-05-3.0		1415	G	N	SO			5	4	1				

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	3-13-26	1755	1 M. Stevens	3-13-26	1755
2			2		
3			3		

TAT Requested: Normal: ✓ Rush: ____ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No *Cooler Temp:* 6 +2°C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone : [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B/7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic
Ba = Barium
Cd = Cadmium
Cr = Chromium
Pb = Lead
Hg= Mercury
Se= Selenium
Ag= Silver
MR= Misc. RCRA metals

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	**SDG/AR/COC/Work Order:** 768430	**GEL PM:**
Received By: MLS	**Date Received at GEL:** 3-13-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR2-25 Daily Calibration Performed? (Y)/N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
Cooler 1	6				
Cooler 2	2				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): Ø CPM/ mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?			✓	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?		✓		Preservation Method: Wet Ice Ice Packs Dry Ice None Other: ~~Ø~~ MS 3-13-26 same day collection *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?			✓	Circle Applicable: No dates on containers No times on containers COC missing info Other (describe) LS-SB-39-1.0-DP COC says 11:22 container says 11:20
10	Number of containers received match number indicated on COC?				Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 3/16/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 768430

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2967250

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430001	LS-TB-031326
1206417830	769194001(NonSDG) Matrix Spike (MS) **Batch 2967250**
1206417831	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206417832	769194001(NonSDG) Matrix Spike (MS)
1206417833	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206419148	Laboratory Control Sample (LCS)
1206419149	Laboratory Control Sample (LCS)
1206419150	Method Blank (MB)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206419148 (LCS)	1, 1, 2, 2-Tetrachloroethane	133* (70%-130%)

The LCS recoveries for 1,4-Dioxane were not within the acceptance limits. The data are reported at the client's request.

Sample	Analyte	Value

1206419149 (LCS)	1, 4-Dioxane	60* (70%-130%)

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2968103

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2968092

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430003	LS-SB-03-3.0
768430007	LS-SB-23-3.0
768430010	LS-SB-24-3.0
768430012	LS-SB-06-4.0
768430014	LS-SB-16-3.0
768430016	LS-SB-05-3.0
1206419279	Laboratory Control Sample (LCS) **Batch 2968103**
1206419280	Laboratory Control Sample (LCS)
1206419281	Method Blank (MB)
1206419282	768703002(NonSDG) Matrix Spike (MS)
1206419283	768703002(NonSDG) Matrix Spike Duplicate (MSD)
1206419284	768703002(NonSDG) Matrix Spike (MS)
1206419285	768703002(NonSDG) Matrix Spike Duplicate (MSD)
1206420093	Laboratory Control Sample (LCS)
1206420094	Laboratory Control Sample (LCS)
1206420095	Method Blank (MB)
1206420096	Laboratory Control Sample (LCS)
1206420097	Laboratory Control Sample (LCS)
1206420098	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 768430003 (LS-SB-03-3.0), 768430007 (LS-SB-23-3.0), 768430010 (LS-SB-24-3.0), 768430012 (LS-SB-06-4.0), 768430014 (LS-SB-16-3.0) and 768430016 (LS-SB-05-3.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Relative Percent Difference (RPD) Statement

The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206419282MS and 1206419283MSD (Non SDG 768703002)	1, 2, 3-Trichlorobenzene	RPD 35* (0%-20%)
	1, 2-Dibromo-3-chloropropane	RPD 23* (0%-20%)
	Chloroethane	RPD 22* (0%-20%)

Technical Information

Sample Dilutions/Methanol Dilutions

Samples 768430012 (LS-SB-06-4.0) and 768430016 (LS-SB-05-3.0) were diluted due to the presence of non-target analytes and/or excessive hydrocarbon matrix interference.

Analyte	768430	
	012	016
Several	50X	50X

Sample Re-extraction/Re-analysis
Samples 768430012 (LS-SB-06-4.0) and 768430016 (LS-SB-05-3.0) were re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and were reported.

Sample 768430014 (LS-SB-16-3.0) was re-analyzed and reported due to possible carry-over from a previously analyzed sample.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2961936

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2961935

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430002	LS-SB-03-1.0
768430003	LS-SB-03-3.0

768430004	LS-SB-39-1.0
768430005	LS-SB-39-1.0 DP
768430006	LS-SB-23-1.0
768430007	LS-SB-23-3.0
768430008	LS-SB-22-1.0
768430009	LS-SB-24-1.0
768430010	LS-SB-24-3.0
768430011	LS-SB-06-1.0
768430012	LS-SB-06-4.0
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0
768430015	LS-SB-05-1.0
768430016	LS-SB-05-3.0
1206408339	Method Blank (MB) **Batch 2961936**
1206408340	Laboratory Control Sample (LCS)
1206408341	768430002(LS-SB-03-1.0) Matrix Spike (MS)
1206408342	768430002(LS-SB-03-1.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Spike Recovery Statement
The MS and MSD (See Below) did not meet spike recovery acceptance criteria. There were multiple target analytes detected above the reporting limits in the parent sample. The sample chromatograms displayed severe matrix interference. The failures were attributed to matrix interference and the data were reported.

Sample	Analyte	Value
1206408341 (LS-SB-03-1.0MS)	2, 4-Dinitrophenol	17* (19%-117%)
	Benzo(a)anthracene	212* (16%-120%)
	Benzo(a)pyrene	199* (16%-119%)
	Benzo(b)fluoranthene	288* (16%-123%)
	Benzo(ghi)perylene	132* (15%-127%)
	Benzo(k)fluoranthene	145* (16%-126%)
	Chrysene	293* (17%-119%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	Indeno(1, 2, 3-cd)pyrene	162* (14%-125%)
1206408342 (LS-SB-03-1.0MSD)	Hexachlorocyclopentadiene	6* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent differences (RPD) for the MS and MSD, (See Below), were not within the acceptance limits. The failures were attributed to matrix interference. The data were reported.

Sample	Analyte	Value

1206408341MS and 1206408342MSD (LS-SB-03-1.0)	2, 3, 4, 6-Tetrachlorophenol, 2, 4-Dimethylphenol	33* (0%-30%)
	2-Chloronaphthalene, 4-Chloro-3-methylphenol	31* (0%-30%)
	4-Nitrophenol	32* (0%-30%)
	Benzaldehyde	42* (0%-30%)
	Benzo(a)anthracene	77* (0%-30%)
	Benzo(a)pyrene	74* (0%-30%)
	Benzo(b)fluoranthene	90* (0%-30%)
	Benzo(ghi)perylene	34* (0%-30%)
	Benzo(k)fluoranthene	47* (0%-30%)
	Chrysene	100* (0%-30%)
	Hexachlorobutadiene	31* (0%-30%)
	Hexachlorocyclopentadiene	200* (0%-30%)
	Indeno(1, 2, 3-cd)pyrene	52* (0%-30%)
	Nitrobenzene	31* (0%-30%)
	Pentachlorophenol	34* (0%-30%)
	bis(2-Chloroethoxy)methane, o-Nitroaniline and p-Nitroaniline	32* (0%-30%)

Technical Information

Sample Dilutions
Samples 768430012 (LS-SB-06-4.0), 768430015 (LS-SB-05-1.0) and 768430016 (LS-SB-05-3.0) were diluted due to the presence of non-target analyte matrix. The data from the dilutions were reported.
Samples 768430012 (LS-SB-06-4.0), 768430015 (LS-SB-05-1.0) and 768430016 (LS-SB-05-3.0) were diluted due to the presence of one or more target analytes at concentrations exceeding the established calibration range.

Sample Re-extraction/Re-analysis
Samples 768430002 (LS-SB-03-1.0) and 768430015 (LS-SB-05-1.0) were re-analyzed due to the possibility of carryover from the previous injection. Data were reported from the re-analysis.
Samples 1206408339 (MB) and 1206408340 (LCS) were re-analyzed due CCVs missing from the initial sequence, as one sample in the batch required all CCVs to be analyzed. Data were reported from the re-analysis.

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
768430015 (LS-SB-05-1.0)	Fluorene	Result 2870ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3541/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2963510

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2963508

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0
1206410865	Method Blank (MB) **Batch 2963510**
1206410866	Laboratory Control Sample (LCS)
1206410867	768430013(LS-SB-16-1.0) Matrix Spike (MS)
1206410868	768430013(LS-SB-16-1.0) Matrix Spike Duplicate (MSD)
1206410869	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC in this batch were cleaned with activated copper in order to remove sulfur.

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3541/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2968579

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2968578

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0
1206419896	Method Blank (MB) **Batch 2968579**
1206419897	Laboratory Control Sample (LCS)
1206419898	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Technical Information

Preparation/Analytical Method Verification

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations
Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
768430013 (LS-SB-16-1.0)	Aroclor-1260	Result 4.94ug/kg
	Decachlorobiphenyl	Result 3.86ug/kg
768430014 (LS-SB-16-3.0)	Aroclor-1260	Result 3.91ug/kg

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2961773

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2961772

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430002	LS-SB-03-1.0
768430003	LS-SB-03-3.0
768430004	LS-SB-39-1.0
768430005	LS-SB-39-1.0 DP
768430006	LS-SB-23-1.0
768430007	LS-SB-23-3.0
768430008	LS-SB-22-1.0
768430009	LS-SB-24-1.0
768430010	LS-SB-24-3.0
768430011	LS-SB-06-1.0
768430012	LS-SB-06-4.0
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0
768430015	LS-SB-05-1.0
768430016	LS-SB-05-3.0
1206407932	Method Blank (MB)**ICP Batch 2961773**
1206407933	Laboratory Control Sample (LCS)
1206407937	768430002(LS-SB-03-1.0L) Serial Dilution (SD)
1206407934	768430002(LS-SB-03-1.0S) Matrix Spike (MS)
1206407935	768430002(LS-SB-03-1.0SD) Matrix Spike Duplicate (MSD)
1206407936	768430002(LS-SB-03-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206407934 (LS-SB-03-1.0MS)	Lead	228* (75%-125%)
	Magnesium	149* (75%-125%)
	Zinc	221* (75%-125%)
1206407935 (LS-SB-03-1.0MSD)	Barium	155* (75%-125%)
	Copper	191* (75%-125%)
	Lead	286* (75%-125%)
	Magnesium	153* (75%-125%)
	Zinc	309* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206407934MS and 1206407935MSD (LS-SB-03-1.0)	Barium	RPD 21.2* (0%-20%)
	Calcium	RPD 23.6* (0%-20%)
	Copper	RPD 29.2* (0%-20%)
	Manganese	RPD 43.8* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of calcium, iron, and manganese within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. Samples required dilutions in order to minimize suppression of lead due to matrix interferences. 768430004 (LS-SB-39-1.0), 768430005 (LS-SB-39-1.0 DP), 768430006 (LS-SB-23-1.0), 768430008 (LS-SB-22-1.0), 768430009 (LS-SB-24-1.0) and 768430010 (LS-SB-24-3.0).

Analyte	768430					
	004	005	006	008	009	010
Aluminum	10X	10X	10X	5X	50X	50X
Antimony				5X	50X	50X
Arsenic				5X	50X	50X
Barium				5X	50X	50X
Beryllium				5X	50X	50X
Cadmium				5X	50X	50X
Calcium	10X	10X	10X	5X	50X	50X
Chromium				5X	50X	50X
Cobalt				5X	50X	50X

Copper				5X	50X	50X
Iron				5X	50X	50X
Lead	10X	10X		5X	50X	50X
Magnesium				5X	50X	50X
Manganese				20X	50X	50X
Nickel				5X	50X	50X
Potassium				5X	50X	50X
Selenium				5X	50X	50X
Silver	10X	10X	10X	5X	50X	50X
Sodium				5X	50X	50X
Thallium				5X	50X	50X
Vanadium				5X	50X	50X
Zinc	10X	10X	10X	5X	50X	50X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2961945

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2961944

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430002	LS-SB-03-1.0
768430003	LS-SB-03-3.0
768430004	LS-SB-39-1.0
768430005	LS-SB-39-1.0 DP
768430006	LS-SB-23-1.0
768430007	LS-SB-23-3.0
768430008	LS-SB-22-1.0
768430009	LS-SB-24-1.0
768430010	LS-SB-24-3.0
768430011	LS-SB-06-1.0
768430012	LS-SB-06-4.0
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0
768430015	LS-SB-05-1.0
768430016	LS-SB-05-3.0
1206408363	Method Blank (MB)**CVAA Batch 2961945**
1206408364	Laboratory Control Sample (LCS)
1206408365	768276001(NonSDGS) Matrix Spike (MS)
1206408366	768276001(NonSDGSD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2962313

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2962311

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0
1206409010	Method Blank (MB) **Batch 2962313**
1206409011	Laboratory Control Sample (LCS)
1206409012	768199001(NonSDG) Sample Duplicate (DUP)
1206409013	768199001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following sample 1206409011 (LCS) was diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2962943

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2962942

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430002	LS-SB-03-1.0
768430003	LS-SB-03-3.0
768430004	LS-SB-39-1.0
768430005	LS-SB-39-1.0 DP
768430006	LS-SB-23-1.0
768430007	LS-SB-23-3.0
768430008	LS-SB-22-1.0
768430009	LS-SB-24-1.0
768430010	LS-SB-24-3.0
768430011	LS-SB-06-1.0
768430012	LS-SB-06-4.0
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0
768430015	LS-SB-05-1.0
768430016	LS-SB-05-3.0
1206410025	Method Blank (MB) **Batch 2962943**
1206410026	Laboratory Control Sample (LCS)
1206410029	768430008(LS-SB-22-1.0) Sample Duplicate (DUP)
1206410030	768430008(LS-SB-22-1.0) Matrix Spike (MS)
1206410031	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2961781

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768430002	LS-SB-03-1.0
768430003	LS-SB-03-3.0
768430004	LS-SB-39-1.0
768430005	LS-SB-39-1.0 DP
768430006	LS-SB-23-1.0
768430007	LS-SB-23-3.0
768430008	LS-SB-22-1.0
768430009	LS-SB-24-1.0
768430010	LS-SB-24-3.0
768430011	LS-SB-06-1.0
768430012	LS-SB-06-4.0
768430013	LS-SB-16-1.0
768430014	LS-SB-16-3.0

768430015	LS-SB-05-1.0
768430016	LS-SB-05-3.0
1206407954	768430002(LS-SB-03-1.0) Sample Duplicate (DUP) **Batch 2961781**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

June 25, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 769001

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 18, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 769001 in the left-hand footer of the data report. This report was revised to remove 1,4-Dioxane from the EPA Method 8270 SVOC analytical suite.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 769001 GEL Work Order: 769001

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E Concentration of the target analyte exceeds the instrument calibration range

J Value is estimated

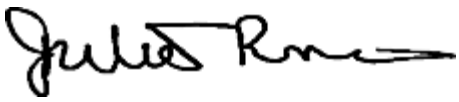
P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031726
Sample ID: 769001001
Matrix: Water
Collect Date: 17-MAR-26 10:00
Receive Date: 18-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PXY1	03/31/26	1819	2970509	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031726 Project: RVDE00226C
Sample ID: 769001001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	44.1 ug/L	50.0	88	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	44.8 ug/L	50.0	90	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	46.7 ug/L	50.0	93	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-20-1.0
Sample ID: 769001002
Matrix: Soil
Collect Date: 17-MAR-26 10:35
Receive Date: 18-MAR-26
Collector: Client
Moisture: 12.6%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		37.3	7.77	23.2	ug/kg	101	1	PB1	03/25/26	1141	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		6350000	6810	20000	ug/kg	87.6	1	EM2	03/25/26	1627	2964231	2
Antimony	J	495	331	2000	ug/kg	87.6	1					
Arsenic		3100	501	3010	ug/kg	87.6	1					
Barium		17900	100	501	ug/kg	87.6	1					
Beryllium	J	148	100	501	ug/kg	87.6	1					
Cadmium		594	100	501	ug/kg	87.6	1					
Calcium		1920000	8020	25000	ug/kg	87.6	1					
Chromium		36200	150	1000	ug/kg	87.6	1					
Cobalt		4120	150	501	ug/kg	87.6	1					
Copper		46800	301	2000	ug/kg	87.6	1					
Iron		27900000	8020	25000	ug/kg	87.6	1					
Lead		19200	331	2000	ug/kg	87.6	1					
Magnesium		475000	8520	30100	ug/kg	87.6	1					
Manganese		240000	200	1000	ug/kg	87.6	1					
Nickel		13200	150	501	ug/kg	87.6	1					
Selenium	J	856	501	3010	ug/kg	87.6	1					
Silver	J	170	100	501	ug/kg	87.6	1					
Sodium		28800	7010	25000	ug/kg	87.6	1					
Thallium	U	ND	501	2000	ug/kg	87.6	1					
Vanadium		12300	100	501	ug/kg	87.6	1					
Zinc		70800	401	2000	ug/kg	87.6	1					
Potassium		210000	6410	25000	ug/kg	87.6	1	EM2	03/27/26	1201	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	377	ug/kg	0.0329	1	BM1	03/20/26	1413	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	113	377	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	377	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	113	377	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	113	377	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	113	377	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	113	377	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	113	754	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-20-1.0	Project:	RVDE00226C
Sample ID:	769001002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	377	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	113	377	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.3	37.7	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	113	377	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	377	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	11.3	37.7	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	113	377	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	113	377	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	113	377	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	151	377	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	113	377	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	113	377	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	113	377	ug/kg	0.0329	1					
Acenaphthene	U	ND	11.3	37.7	ug/kg	0.0329	1					
Acenaphthylene	U	ND	11.3	37.7	ug/kg	0.0329	1					
Acetophenone	U	ND	113	377	ug/kg	0.0329	1					
Anthracene	U	ND	11.3	37.7	ug/kg	0.0329	1					
Atrazine	U	ND	151	377	ug/kg	0.0329	1					
Benzaldehyde	U	ND	113	377	ug/kg	0.0329	1					
Benzo(a)anthracene	J	17.3	11.3	37.7	ug/kg	0.0329	1					
Benzo(a)pyrene	J	16.6	11.3	37.7	ug/kg	0.0329	1					
Benzo(b)fluoranthene	J	24.9	11.3	37.7	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	11.3	37.7	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	11.3	37.7	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	11.3	37.7	ug/kg	0.0329	1					
Carbazole	U	ND	11.3	37.7	ug/kg	0.0329	1					
Chrysene	J	12.4	11.3	37.7	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.3	37.7	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.3	37.7	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	11.3	37.7	ug/kg	0.0329	1					
Dibenzofuran	U	ND	113	377	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.3	37.7	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.3	37.7	ug/kg	0.0329	1					
Diphenylamine	U	ND	113	377	ug/kg	0.0329	1					
Fluoranthene	J	21.9	11.3	37.7	ug/kg	0.0329	1					
Fluorene	U	ND	11.3	37.7	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-20-1.0 Project: RVDE00226C
Sample ID: 769001002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	377	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	113	377	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	113	377	ug/kg	0.0329	1					
Hexachloroethane	U	ND	113	377	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	J	13.9	11.3	37.7	ug/kg	0.0329	1					
Isophorone	U	ND	113	377	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	113	377	ug/kg	0.0329	1					
Naphthalene	U	ND	11.3	37.7	ug/kg	0.0329	1					
Nitrobenzene	U	ND	113	377	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	113	377	ug/kg	0.0329	1					
Phenanthrene	J	11.3	11.3	37.7	ug/kg	0.0329	1					
Phenol	U	ND	113	377	ug/kg	0.0329	1					
Pyrene	J	20.4	11.3	37.7	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	377	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	113	377	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	113	377	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate		42.6	11.3	37.7	ug/kg	0.0329	1					
m,p-Cresols	U	ND	113	377	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	113	377	ug/kg	0.0329	1					
o-Cresol	U	ND	113	377	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	124	377	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	113	377	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.148	0.370	mg/kg	32.4	1	BR2	03/31/26	1330	2968525	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-20-1.0 Project: RVDE00226C
Sample ID: 769001002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	1880	68	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1880	69	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1440 ug/kg	1880	76	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2940 ug/kg	3770	78	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2730 ug/kg	3770	72	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2660 ug/kg	3770	71	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-20-4.0	Project:	RVDE00226C
Sample ID:	769001003	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	17-MAR-26 10:40		
Receive Date:	18-MAR-26		
Collector:	Client		
Moisture:	14.9%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		38.0	9.27	27.7	ug/kg	118	1	PB1	03/25/26	1151	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4220000	7190	21100	ug/kg	89.9	1	EM2	03/25/26	1639	2964231	2
Antimony	U	ND	349	2110	ug/kg	89.9	1					
Arsenic	J	1040	529	3170	ug/kg	89.9	1					
Barium		15800	106	529	ug/kg	89.9	1					
Beryllium	U	ND	106	529	ug/kg	89.9	1					
Cadmium	U	ND	106	529	ug/kg	89.9	1					
Calcium		351000	8460	26400	ug/kg	89.9	1					
Chromium		3510	159	1060	ug/kg	89.9	1					
Cobalt	J	425	159	529	ug/kg	89.9	1					
Copper	J	1050	317	2110	ug/kg	89.9	1					
Iron		2330000	8460	26400	ug/kg	89.9	1					
Lead		3190	349	2110	ug/kg	89.9	1					
Magnesium		116000	8990	31700	ug/kg	89.9	1					
Manganese		6400	211	1060	ug/kg	89.9	1					
Nickel		1120	159	529	ug/kg	89.9	1					
Selenium	J	1070	529	3170	ug/kg	89.9	1					
Silver	U	ND	106	529	ug/kg	89.9	1					
Sodium	J	19500	7400	26400	ug/kg	89.9	1					
Thallium	U	ND	529	2110	ug/kg	89.9	1					
Vanadium		5290	106	529	ug/kg	89.9	1					
Zinc		3070	423	2110	ug/kg	89.9	1					
Potassium		95000	6770	26400	ug/kg	89.9	1	EM2	03/27/26	1213	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	116	385	ug/kg	0.0328	1	BM1	03/20/26	1514	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	116	385	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	116	385	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	116	385	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	116	385	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	116	385	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	116	385	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	116	771	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-20-4.0 Project: RVDE00226C
Sample ID: 769001003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	116	385	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	116	385	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	11.6	38.5	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	116	385	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	116	385	ug/kg	0.0328	1					
2-Methylnaphthalene	U	ND	11.6	38.5	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	116	385	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	116	385	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	116	385	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	154	385	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	116	385	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	116	385	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	116	385	ug/kg	0.0328	1					
Acenaphthene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Acenaphthylene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Acetophenone	U	ND	116	385	ug/kg	0.0328	1					
Anthracene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Atrazine	U	ND	154	385	ug/kg	0.0328	1					
Benzaldehyde	U	ND	116	385	ug/kg	0.0328	1					
Benzo(a)anthracene	J	16.2	11.6	38.5	ug/kg	0.0328	1					
Benzo(a)pyrene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Benzo(b)fluoranthene	J	18.9	11.6	38.5	ug/kg	0.0328	1					
Benzo(ghi)perylene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Benzo(k)fluoranthene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	11.6	38.5	ug/kg	0.0328	1					
Carbazole	U	ND	11.6	38.5	ug/kg	0.0328	1					
Chrysene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	11.6	38.5	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	11.6	38.5	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Dibenzofuran	U	ND	116	385	ug/kg	0.0328	1					
Diethylphthalate	U	ND	11.6	38.5	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	11.6	38.5	ug/kg	0.0328	1					
Diphenylamine	U	ND	116	385	ug/kg	0.0328	1					
Fluoranthene	J	23.1	11.6	38.5	ug/kg	0.0328	1					
Fluorene	U	ND	11.6	38.5	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-20-4.0 Project: RVDE00226C
Sample ID: 769001003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	116	385	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	116	385	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	116	385	ug/kg	0.0328	1					
Hexachloroethane	U	ND	116	385	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Isophorone	U	ND	116	385	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	116	385	ug/kg	0.0328	1					
Naphthalene	U	ND	11.6	38.5	ug/kg	0.0328	1					
Nitrobenzene	U	ND	116	385	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	116	385	ug/kg	0.0328	1					
Phenanthrene	J	13.5	11.6	38.5	ug/kg	0.0328	1					
Phenol	U	ND	116	385	ug/kg	0.0328	1					
Pyrene	J	22.0	11.6	38.5	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	116	385	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	116	385	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	116	385	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.6	38.5	ug/kg	0.0328	1					
m,p-Cresols	U	ND	116	385	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	116	385	ug/kg	0.0328	1					
o-Cresol	U	ND	116	385	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	127	385	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	116	385	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.132	0.331	mg/kg	28.2	1	BR2	03/31/26	1330	2968525	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.345	1.03	ug/kg	0.880	1	PXY1	03/31/26	1847	2970065	6
1,1,2,2-Tetrachloroethane	U	ND	0.345	1.03	ug/kg	0.880	1					
1,1,2-Trichloroethane	U	ND	0.345	1.03	ug/kg	0.880	1					
1,1-Dichloroethane	U	ND	0.345	1.03	ug/kg	0.880	1					
1,1-Dichloroethylene	U	ND	0.345	1.03	ug/kg	0.880	1					
1,2,3-Trichlorobenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
1,2,4-Trichlorobenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
1,2-Dibromo-3-chloropropane	U	ND	0.517	1.03	ug/kg	0.880	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-20-4.0 Project: RVDE00226C
Sample ID: 769001003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.345	1.03	ug/kg	0.880	1					
1,2-Dichlorobenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
1,2-Dichloroethane	U	ND	0.345	1.03	ug/kg	0.880	1					
1,2-Dichloropropane	U	ND	0.345	1.03	ug/kg	0.880	1					
1,3-Dichlorobenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
1,4-Dichlorobenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
1,4-Dioxane	U	ND	17.2	51.7	ug/kg	0.880	1					
2-Butanone		18.9	1.73	5.17	ug/kg	0.880	1					
2-Hexanone	U	ND	1.73	5.17	ug/kg	0.880	1					
4-Methyl-2-pentanone	U	ND	1.73	5.17	ug/kg	0.880	1					
Acetone		94.7	1.73	5.17	ug/kg	0.880	1					
Benzene	U	ND	0.345	1.03	ug/kg	0.880	1					
Bromochloromethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Bromodichloromethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Bromoform	U	ND	0.345	1.03	ug/kg	0.880	1					
Bromomethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Carbon disulfide	U	ND	1.73	5.17	ug/kg	0.880	1					
Carbon tetrachloride	U	ND	0.345	1.03	ug/kg	0.880	1					
Chlorobenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
Chloroethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Chloroform	U	ND	0.345	1.03	ug/kg	0.880	1					
Chloromethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Cyclohexane	U	ND	0.345	1.03	ug/kg	0.880	1					
Dibromochloromethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Dichlorodifluoromethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Ethylbenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
Isopropylbenzene	U	ND	0.345	1.03	ug/kg	0.880	1					
Methyl acetate	U	ND	1.73	5.17	ug/kg	0.880	1					
Methylcyclohexane	U	ND	0.345	1.03	ug/kg	0.880	1					
Methylene chloride	U	ND	1.73	5.17	ug/kg	0.880	1					
Styrene	U	ND	0.345	1.03	ug/kg	0.880	1					
Tetrachloroethylene	U	ND	0.345	1.03	ug/kg	0.880	1					
Toluene	U	ND	0.345	1.03	ug/kg	0.880	1					
Trichloroethylene	U	ND	0.345	1.03	ug/kg	0.880	1					
Trichlorofluoromethane	U	ND	0.345	1.03	ug/kg	0.880	1					
Trichlorotrifluoroethane	U	ND	1.73	5.17	ug/kg	0.880	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-20-4.0 Project: RVDE00226C
Sample ID: 769001003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.345	1.03	ug/kg	0.880	1					
cis-1,2-Dichloroethylene	J	0.538	0.345	1.03	ug/kg	0.880	1					
cis-1,3-Dichloropropylene	U	ND	0.345	1.03	ug/kg	0.880	1					
m,p-Xylenes	U	ND	0.690	2.07	ug/kg	0.880	1					
o-Xylene	U	ND	0.345	1.03	ug/kg	0.880	1					
tert-Butyl methyl ether	U	ND	0.345	1.03	ug/kg	0.880	1					
trans-1,2-Dichloroethylene	U	ND	0.345	1.03	ug/kg	0.880	1					
trans-1,3-Dichloropropylene	U	ND	0.345	1.03	ug/kg	0.880	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 5035	5035 Prep	PXY1	03/17/26	1040	2970064
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1320 ug/kg	1930	69	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1930	68	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1460 ug/kg	1930	76	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2930 ug/kg	3850	76	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2860 ug/kg	3850	74	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2770 ug/kg	3850	72	(19%-94%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	52.7 ug/kg	50.0	102	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	50.7 ug/kg	50.0	98	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-20-4.0	Project:	RVDE00226C
Sample ID:	769001003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		48.9	ug/kg	50.0		95	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-1.0
Sample ID: 769001004
Matrix: Soil
Collect Date: 17-MAR-26 11:15
Receive Date: 18-MAR-26
Collector: Client
Moisture: 8.71%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	9.22	7.73	23.1	ug/kg	105	1	PB1	03/25/26	1153	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2370000	6510	19200	ug/kg	87.4	1	EM2	03/25/26	1641	2964231	2
Antimony	U	ND	316	1920	ug/kg	87.4	1					
Arsenic	U	ND	479	2870	ug/kg	87.4	1					
Barium		16900	95.8	479	ug/kg	87.4	1					
Beryllium	U	ND	95.8	479	ug/kg	87.4	1					
Cadmium	J	321	95.8	479	ug/kg	87.4	1					
Calcium		3530000	7660	23900	ug/kg	87.4	1					
Chromium		27000	144	958	ug/kg	87.4	1					
Cobalt		564	144	479	ug/kg	87.4	1					
Copper		9710	287	1920	ug/kg	87.4	1					
Iron		8080000	7660	23900	ug/kg	87.4	1					
Lead		8070	316	1920	ug/kg	87.4	1					
Magnesium		1260000	8140	28700	ug/kg	87.4	1					
Manganese		395000	192	958	ug/kg	87.4	1					
Nickel		3240	144	479	ug/kg	87.4	1					
Selenium	J	653	479	2870	ug/kg	87.4	1					
Silver	U	ND	95.8	479	ug/kg	87.4	1					
Sodium	J	22500	6700	23900	ug/kg	87.4	1					
Thallium	U	ND	479	1920	ug/kg	87.4	1					
Vanadium		10500	95.8	479	ug/kg	87.4	1					
Zinc		78900	383	1920	ug/kg	87.4	1					
Potassium		47300	6130	23900	ug/kg	87.4	1	EM2	03/27/26	1215	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	361	ug/kg	0.0329	1	BM1	03/20/26	1535	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	108	361	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	108	721	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-1.0 Project: RVDE00226C
Sample ID: 769001004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	361	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	108	361	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.8	36.1	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	361	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	10.8	36.1	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	108	361	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	108	361	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	108	361	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	144	361	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	108	361	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	108	361	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	108	361	ug/kg	0.0329	1					
Acenaphthene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Acenaphthylene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Acetophenone	U	ND	108	361	ug/kg	0.0329	1					
Anthracene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Atrazine	U	ND	144	361	ug/kg	0.0329	1					
Benzaldehyde	U	ND	108	361	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Carbazole	U	ND	10.8	36.1	ug/kg	0.0329	1					
Chrysene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Dibenzofuran	U	ND	108	361	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Dimethylphthalate	J	24.2	10.8	36.1	ug/kg	0.0329	1					
Diphenylamine	U	ND	108	361	ug/kg	0.0329	1					
Fluoranthene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Fluorene	U	ND	10.8	36.1	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-1.0 Project: RVDE00226C
Sample ID: 769001004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	361	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	108	361	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	108	361	ug/kg	0.0329	1					
Hexachloroethane	U	ND	108	361	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Isophorone	U	ND	108	361	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	108	361	ug/kg	0.0329	1					
Naphthalene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Nitrobenzene	U	ND	108	361	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	108	361	ug/kg	0.0329	1					
Phenanthrene	U	ND	10.8	36.1	ug/kg	0.0329	1					
Phenol	U	ND	108	361	ug/kg	0.0329	1					
Pyrene	U	ND	10.8	36.1	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
m,p-Cresols	U	ND	108	361	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	108	361	ug/kg	0.0329	1					
o-Cresol	U	ND	108	361	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	119	361	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	108	361	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.178	0.113	0.282	mg/kg	25.7	1	BR2	03/31/26	1330	2968525	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-1.0 Project: RVDE00226C
Sample ID: 769001004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1180 ug/kg	1800	66	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1800	64	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1290 ug/kg	1800	71	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2630 ug/kg	3610	73	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2560 ug/kg	3610	71	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2440 ug/kg	3610	68	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-15-4.0	Project:	RVDE00226C
Sample ID:	769001005	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	17-MAR-26 11:20		
Receive Date:	18-MAR-26		
Collector:	Client		
Moisture:	10.2%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.64	25.8	ug/kg	116	1	PB1	03/25/26	1154	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1880000	7270	21400	ug/kg	96.0	1	EM2	03/25/26	1649	2964231	2
Antimony	J	492	353	2140	ug/kg	96.0	1					
Arsenic	J	890	534	3210	ug/kg	96.0	1					
Barium		7200	107	534	ug/kg	96.0	1					
Beryllium	U	ND	107	534	ug/kg	96.0	1					
Cadmium	U	ND	107	534	ug/kg	96.0	1					
Calcium		1090000	8550	26700	ug/kg	96.0	1					
Chromium		7340	160	1070	ug/kg	96.0	1					
Cobalt	J	237	160	534	ug/kg	96.0	1					
Copper		2940	321	2140	ug/kg	96.0	1					
Iron		3080000	8550	26700	ug/kg	96.0	1					
Lead		3510	353	2140	ug/kg	96.0	1					
Magnesium		281000	9090	32100	ug/kg	96.0	1					
Manganese		83700	214	1070	ug/kg	96.0	1					
Nickel		1020	160	534	ug/kg	96.0	1					
Selenium	U	ND	534	3210	ug/kg	96.0	1					
Silver	U	ND	107	534	ug/kg	96.0	1					
Sodium	J	18100	7480	26700	ug/kg	96.0	1					
Thallium	U	ND	534	2140	ug/kg	96.0	1					
Vanadium		8600	107	534	ug/kg	96.0	1					
Zinc		14500	428	2140	ug/kg	96.0	1					
Potassium		41900	6840	26700	ug/kg	96.0	1	EM2	03/27/26	1223	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	110	366	ug/kg	0.0329	1	BM1	03/20/26	1555	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	110	366	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	110	366	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	110	366	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	110	366	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	110	366	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	110	366	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	110	733	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-4.0 Project: RVDE00226C
Sample ID: 769001005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	110	366	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	110	366	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.0	36.6	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	110	366	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	110	366	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	11.0	36.6	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	110	366	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	110	366	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	110	366	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	147	366	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	110	366	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	110	366	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	110	366	ug/kg	0.0329	1					
Acenaphthene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Acenaphthylene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Acetophenone	U	ND	110	366	ug/kg	0.0329	1					
Anthracene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Atrazine	U	ND	147	366	ug/kg	0.0329	1					
Benzaldehyde	U	ND	110	366	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	11.0	36.6	ug/kg	0.0329	1					
Carbazole	U	ND	11.0	36.6	ug/kg	0.0329	1					
Chrysene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.0	36.6	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.0	36.6	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Dibenzofuran	U	ND	110	366	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.0	36.6	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.0	36.6	ug/kg	0.0329	1					
Diphenylamine	U	ND	110	366	ug/kg	0.0329	1					
Fluoranthene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Fluorene	U	ND	11.0	36.6	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-4.0 Project: RVDE00226C
Sample ID: 769001005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	110	366	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	110	366	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	110	366	ug/kg	0.0329	1					
Hexachloroethane	U	ND	110	366	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Isophorone	U	ND	110	366	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	110	366	ug/kg	0.0329	1					
Naphthalene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Nitrobenzene	U	ND	110	366	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	110	366	ug/kg	0.0329	1					
Phenanthrene	U	ND	11.0	36.6	ug/kg	0.0329	1					
Phenol	U	ND	110	366	ug/kg	0.0329	1					
Pyrene	U	ND	11.0	36.6	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	110	366	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	110	366	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	110	366	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.0	36.6	ug/kg	0.0329	1					
m,p-Cresols	U	ND	110	366	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	110	366	ug/kg	0.0329	1					
o-Cresol	U	ND	110	366	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	121	366	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	110	366	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.168	0.165	0.413	mg/kg	37.1	1	BR2	03/31/26	1330	2968525	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.292	0.876	ug/kg	0.786	1	PXY1	03/31/26	1340	2970065	6
1,1,2,2-Tetrachloroethane	U	ND	0.292	0.876	ug/kg	0.786	1					
1,1,2-Trichloroethane	U	ND	0.292	0.876	ug/kg	0.786	1					
1,1-Dichloroethane	U	ND	0.292	0.876	ug/kg	0.786	1					
1,1-Dichloroethylene	U	ND	0.292	0.876	ug/kg	0.786	1					
1,2,3-Trichlorobenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
1,2,4-Trichlorobenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
1,2-Dibromo-3-chloropropane	U	ND	0.438	0.876	ug/kg	0.786	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-4.0 Project: RVDE00226C
Sample ID: 769001005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.292	0.876	ug/kg	0.786	1					
1,2-Dichlorobenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
1,2-Dichloroethane	U	ND	0.292	0.876	ug/kg	0.786	1					
1,2-Dichloropropane	U	ND	0.292	0.876	ug/kg	0.786	1					
1,3-Dichlorobenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
1,4-Dichlorobenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
1,4-Dioxane	U	ND	14.6	43.8	ug/kg	0.786	1					
2-Butanone	U	ND	1.46	4.38	ug/kg	0.786	1					
2-Hexanone	U	ND	1.46	4.38	ug/kg	0.786	1					
4-Methyl-2-pentanone	U	ND	1.46	4.38	ug/kg	0.786	1					
Acetone	U	ND	1.46	4.38	ug/kg	0.786	1					
Benzene	U	ND	0.292	0.876	ug/kg	0.786	1					
Bromochloromethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Bromodichloromethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Bromoform	U	ND	0.292	0.876	ug/kg	0.786	1					
Bromomethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Carbon disulfide	U	ND	1.46	4.38	ug/kg	0.786	1					
Carbon tetrachloride	U	ND	0.292	0.876	ug/kg	0.786	1					
Chlorobenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
Chloroethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Chloroform	U	ND	0.292	0.876	ug/kg	0.786	1					
Chloromethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Cyclohexane	U	ND	0.292	0.876	ug/kg	0.786	1					
Dibromochloromethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Dichlorodifluoromethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Ethylbenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
Isopropylbenzene	U	ND	0.292	0.876	ug/kg	0.786	1					
Methyl acetate	U	ND	1.46	4.38	ug/kg	0.786	1					
Methylcyclohexane	U	ND	0.292	0.876	ug/kg	0.786	1					
Methylene chloride	U	ND	1.46	4.38	ug/kg	0.786	1					
Styrene	U	ND	0.292	0.876	ug/kg	0.786	1					
Tetrachloroethylene	U	ND	0.292	0.876	ug/kg	0.786	1					
Toluene	U	ND	0.292	0.876	ug/kg	0.786	1					
Trichloroethylene	U	ND	0.292	0.876	ug/kg	0.786	1					
Trichlorofluoromethane	U	ND	0.292	0.876	ug/kg	0.786	1					
Trichlorotrifluoroethane	U	ND	1.46	4.38	ug/kg	0.786	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-4.0 Project: RVDE00226C
Sample ID: 769001005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.292	0.876	ug/kg	0.786	1					
cis-1,2-Dichloroethylene	U	ND	0.292	0.876	ug/kg	0.786	1					
cis-1,3-Dichloropropylene	U	ND	0.292	0.876	ug/kg	0.786	1					
m,p-Xylenes	U	ND	0.584	1.75	ug/kg	0.786	1					
o-Xylene	U	ND	0.292	0.876	ug/kg	0.786	1					
tert-Butyl methyl ether	U	ND	0.292	0.876	ug/kg	0.786	1					
trans-1,2-Dichloroethylene	U	ND	0.292	0.876	ug/kg	0.786	1					
trans-1,3-Dichloropropylene	U	ND	0.292	0.876	ug/kg	0.786	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 5035	5035 Prep	PXY1	03/17/26	1120	2970064
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1830	62	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1130 ug/kg	1830	62	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1330 ug/kg	1830	73	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2630 ug/kg	3660	72	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2500 ug/kg	3660	68	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2330 ug/kg	3660	64	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	38.2 ug/kg	50.0	87	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	48.0 ug/kg	50.0	110	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-15-4.0	Project:	RVDE00226C
Sample ID:	769001005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		40.6	ug/kg	50.0		93	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-15-4.0-DP	Project:	RVDE00226C
Sample ID:	769001006	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	17-MAR-26 11:22		
Receive Date:	18-MAR-26		
Collector:	Client		
Moisture:	10.4%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.67	25.9	ug/kg	116	1	PB1	03/25/26	1156	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1760000	6990	20600	ug/kg	92.1	1	EM2	03/27/26	1226	2964231	2
Antimony	U	ND	339	2060	ug/kg	92.1	1					
Arsenic	U	ND	514	3080	ug/kg	92.1	1					
Barium		10200	103	514	ug/kg	92.1	1					
Beryllium	U	ND	103	514	ug/kg	92.1	1					
Cadmium	U	ND	103	514	ug/kg	92.1	1					
Calcium		2900000	8230	25700	ug/kg	92.1	1					
Chromium		41700	154	1030	ug/kg	92.1	1					
Cobalt	J	273	154	514	ug/kg	92.1	1					
Copper		4600	308	2060	ug/kg	92.1	1					
Iron		4800000	8230	25700	ug/kg	92.1	1					
Lead		4340	339	2060	ug/kg	92.1	1					
Magnesium		1010000	8740	30800	ug/kg	92.1	1					
Manganese		352000	206	1030	ug/kg	92.1	1					
Nickel		1610	154	514	ug/kg	92.1	1					
Potassium		35900	6580	25700	ug/kg	92.1	1					
Selenium	U	ND	514	3080	ug/kg	92.1	1					
Silver	U	ND	103	514	ug/kg	92.1	1					
Sodium		27000	7200	25700	ug/kg	92.1	1					
Thallium	U	ND	514	2060	ug/kg	92.1	1					
Vanadium		7810	103	514	ug/kg	92.1	1					
Zinc		27700	411	2060	ug/kg	92.1	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	110	366	ug/kg	0.0328	1	BM1	03/20/26	1615	2964568	3
1,2,4,5-Tetrachlorobenzene	U	ND	110	366	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	110	366	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	110	366	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	110	366	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	110	366	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	110	366	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	110	733	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-15-4.0-DP	Project:	RVDE00226C
Sample ID:	769001006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	110	366	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	110	366	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	11.0	36.6	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	110	366	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	110	366	ug/kg	0.0328	1					
2-Methylnaphthalene	U	ND	11.0	36.6	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	110	366	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	110	366	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	110	366	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	147	366	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	110	366	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	110	366	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	110	366	ug/kg	0.0328	1					
Acenaphthene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Acenaphthylene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Acetophenone	U	ND	110	366	ug/kg	0.0328	1					
Anthracene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Atrazine	U	ND	147	366	ug/kg	0.0328	1					
Benzaldehyde	U	ND	110	366	ug/kg	0.0328	1					
Benzo(a)anthracene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Benzo(a)pyrene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Benzo(b)fluoranthene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Benzo(ghi)perylene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Benzo(k)fluoranthene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	11.0	36.6	ug/kg	0.0328	1					
Carbazole	U	ND	11.0	36.6	ug/kg	0.0328	1					
Chrysene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	11.0	36.6	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	11.0	36.6	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Dibenzofuran	U	ND	110	366	ug/kg	0.0328	1					
Diethylphthalate	U	ND	11.0	36.6	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	11.0	36.6	ug/kg	0.0328	1					
Diphenylamine	U	ND	110	366	ug/kg	0.0328	1					
Fluoranthene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Fluorene	U	ND	11.0	36.6	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-4.0-DP
Sample ID: 769001006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	110	366	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	110	366	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	110	366	ug/kg	0.0328	1					
Hexachloroethane	U	ND	110	366	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Isophorone	U	ND	110	366	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	110	366	ug/kg	0.0328	1					
Naphthalene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Nitrobenzene	U	ND	110	366	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	110	366	ug/kg	0.0328	1					
Phenanthrene	U	ND	11.0	36.6	ug/kg	0.0328	1					
Phenol	U	ND	110	366	ug/kg	0.0328	1					
Pyrene	U	ND	11.0	36.6	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	110	366	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	110	366	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	110	366	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.0	36.6	ug/kg	0.0328	1					
m,p-Cresols	U	ND	110	366	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	110	366	ug/kg	0.0328	1					
o-Cresol	U	ND	110	366	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	121	366	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	110	366	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.105	0.103	0.258	mg/kg	23.1	1	BR2	03/31/26	1330	2968525	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.223	0.670	ug/kg	0.600	1	PXY1	03/31/26	1408	2970065	5
1,1,2,2-Tetrachloroethane	U	ND	0.223	0.670	ug/kg	0.600	1					
1,1,2-Trichloroethane	U	ND	0.223	0.670	ug/kg	0.600	1					
1,1-Dichloroethane	U	ND	0.223	0.670	ug/kg	0.600	1					
1,1-Dichloroethylene	U	ND	0.223	0.670	ug/kg	0.600	1					
1,2,3-Trichlorobenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
1,2,4-Trichlorobenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
1,2-Dibromo-3-chloropropane	U	ND	0.335	0.670	ug/kg	0.600	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-4.0-DP
Sample ID: 769001006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.223	0.670	ug/kg	0.600	1					
1,2-Dichlorobenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
1,2-Dichloroethane	U	ND	0.223	0.670	ug/kg	0.600	1					
1,2-Dichloropropane	U	ND	0.223	0.670	ug/kg	0.600	1					
1,3-Dichlorobenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
1,4-Dichlorobenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
1,4-Dioxane	U	ND	11.2	33.5	ug/kg	0.600	1					
2-Butanone	U	ND	1.12	3.35	ug/kg	0.600	1					
2-Hexanone	U	ND	1.12	3.35	ug/kg	0.600	1					
4-Methyl-2-pentanone	U	ND	1.12	3.35	ug/kg	0.600	1					
Acetone	U	ND	1.12	3.35	ug/kg	0.600	1					
Benzene	U	ND	0.223	0.670	ug/kg	0.600	1					
Bromochloromethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Bromodichloromethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Bromoform	U	ND	0.223	0.670	ug/kg	0.600	1					
Bromomethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Carbon disulfide	U	ND	1.12	3.35	ug/kg	0.600	1					
Carbon tetrachloride	U	ND	0.223	0.670	ug/kg	0.600	1					
Chlorobenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
Chloroethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Chloroform	U	ND	0.223	0.670	ug/kg	0.600	1					
Chloromethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Cyclohexane	U	ND	0.223	0.670	ug/kg	0.600	1					
Dibromochloromethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Dichlorodifluoromethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Ethylbenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
Isopropylbenzene	U	ND	0.223	0.670	ug/kg	0.600	1					
Methyl acetate	U	ND	1.12	3.35	ug/kg	0.600	1					
Methylcyclohexane	U	ND	0.223	0.670	ug/kg	0.600	1					
Methylene chloride	U	ND	1.12	3.35	ug/kg	0.600	1					
Styrene	U	ND	0.223	0.670	ug/kg	0.600	1					
Tetrachloroethylene	U	ND	0.223	0.670	ug/kg	0.600	1					
Toluene	U	ND	0.223	0.670	ug/kg	0.600	1					
Trichloroethylene	U	ND	0.223	0.670	ug/kg	0.600	1					
Trichlorofluoromethane	U	ND	0.223	0.670	ug/kg	0.600	1					
Trichlorotrifluoroethane	U	ND	1.12	3.35	ug/kg	0.600	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-15-4.0-DP
Sample ID: 769001006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.223	0.670	ug/kg	0.600	1					
cis-1,2-Dichloroethylene	U	ND	0.223	0.670	ug/kg	0.600	1					
cis-1,3-Dichloropropylene	U	ND	0.223	0.670	ug/kg	0.600	1					
m,p-Xylenes	U	ND	0.447	1.34	ug/kg	0.600	1					
o-Xylene	U	ND	0.223	0.670	ug/kg	0.600	1					
tert-Butyl methyl ether	U	ND	0.223	0.670	ug/kg	0.600	1					
trans-1,2-Dichloroethylene	U	ND	0.223	0.670	ug/kg	0.600	1					
trans-1,3-Dichloropropylene	U	ND	0.223	0.670	ug/kg	0.600	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	PXY1	03/17/26	1122	2970064
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1290 ug/kg	1830	70	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1250 ug/kg	1830	68	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1410 ug/kg	1830	77	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2620 ug/kg	3660	72	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2750 ug/kg	3660	75	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2650 ug/kg	3660	72	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	30.1 ug/kg	50.0	90	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	35.5 ug/kg	50.0	106	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	31.5 ug/kg	50.0	94	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-15-4.0-DP	Project:	RVDE00226C
Sample ID:	769001006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-3.0
Sample ID: 769001007
Matrix: Soil
Collect Date: 17-MAR-26 16:10
Receive Date: 18-MAR-26
Collector: Client
Moisture: 9.56%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	87.1	261	ug/kg	47.2	1	CH9	03/31/26	1538	2965895	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		54.8	7.97	23.8	ug/kg	108	1	PB1	03/25/26	1158	2966349	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		16400000	63000	185000	ug/kg	83.8	10	EM2	03/25/26	1654	2964231	3
Antimony	U	ND	3060	18500	ug/kg	83.8	10					
Arsenic	J	5230	4630	27800	ug/kg	83.8	10					
Barium		283000	926	4630	ug/kg	83.8	10					
Beryllium	U	ND	926	4630	ug/kg	83.8	10					
Cadmium		4660	926	4630	ug/kg	83.8	10					
Calcium		171000000	74100	232000	ug/kg	83.8	10					
Chromium		1910000	1390	9260	ug/kg	83.8	10					
Cobalt		12200	1390	4630	ug/kg	83.8	10					
Copper		188000	2780	18500	ug/kg	83.8	10					
Iron		178000000	74100	232000	ug/kg	83.8	10					
Lead		72500	3060	18500	ug/kg	83.8	10					
Magnesium		43100000	78700	278000	ug/kg	83.8	10					
Nickel		61500	1390	4630	ug/kg	83.8	10					
Selenium	J	25100	4630	27800	ug/kg	83.8	10					
Silver	J	4480	926	4630	ug/kg	83.8	10					
Sodium		366000	64800	232000	ug/kg	83.8	10					
Thallium	U	ND	4630	18500	ug/kg	83.8	10					
Vanadium		299000	926	4630	ug/kg	83.8	10					
Zinc		376000	3700	18500	ug/kg	83.8	10					
Manganese		35400000	9260	46300	ug/kg	83.8	50	EM2	03/25/26	1733	2964231	4
Potassium		363000	59300	232000	ug/kg	83.8	10	EM2	03/27/26	1228	2964231	5
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	110	367	ug/kg	0.0332	1	BM1	03/20/26	1636	2964568	6
1,2,4,5-Tetrachlorobenzene	U	ND	110	367	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	110	367	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-3.0 Project: RVDE00226C
Sample ID: 769001007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	110	367	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	110	735	ug/kg	0.0332	1					
2,4-Dinitrotoluene	U	ND	110	367	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	110	367	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	11.0	36.7	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	110	367	ug/kg	0.0332	1					
2-Methylnaphthalene	J	15.1	11.0	36.7	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	110	367	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	110	367	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	110	367	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	147	367	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	110	367	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	110	367	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	110	367	ug/kg	0.0332	1					
Acenaphthene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Acenaphthylene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Acetophenone	U	ND	110	367	ug/kg	0.0332	1					
Anthracene	J	15.1	11.0	36.7	ug/kg	0.0332	1					
Atrazine	U	ND	147	367	ug/kg	0.0332	1					
Benzaldehyde	U	ND	110	367	ug/kg	0.0332	1					
Benzo(a)anthracene		76.8	11.0	36.7	ug/kg	0.0332	1					
Benzo(a)pyrene		43.3	11.0	36.7	ug/kg	0.0332	1					
Benzo(b)fluoranthene		97.0	11.0	36.7	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Benzo(k)fluoranthene	J	27.6	11.0	36.7	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Carbazole	U	ND	11.0	36.7	ug/kg	0.0332	1					
Chrysene		103	11.0	36.7	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Dibenzofuran	U	ND	110	367	ug/kg	0.0332	1					
Diethylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-3.0 Project: RVDE00226C
Sample ID: 769001007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Diphenylamine	U	ND	110	367	ug/kg	0.0332	1					
Fluoranthene		198	11.0	36.7	ug/kg	0.0332	1					
Fluorene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Hexachlorobenzene	U	ND	110	367	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	110	367	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	110	367	ug/kg	0.0332	1					
Hexachloroethane	U	ND	110	367	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	32.0	11.0	36.7	ug/kg	0.0332	1					
Isophorone	U	ND	110	367	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	110	367	ug/kg	0.0332	1					
Naphthalene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Nitrobenzene	U	ND	110	367	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	110	367	ug/kg	0.0332	1					
Phenanthrene		92.2	11.0	36.7	ug/kg	0.0332	1					
Phenol	U	ND	110	367	ug/kg	0.0332	1					
Pyrene		174	11.0	36.7	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	110	367	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	110	367	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	110	367	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	J	33.8	11.0	36.7	ug/kg	0.0332	1					
m,p-Cresols	U	ND	110	367	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	110	367	ug/kg	0.0332	1					
o-Cresol	U	ND	110	367	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	121	367	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	110	367	ug/kg	0.0332	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1260		79.3	24.4	73.3	ug/kg	0.0331	20	JXM	03/31/26	0020	2968582	7
Aroclor-1016	U	ND	24.4	73.3	ug/kg	0.0331	20	JXM	03/31/26	0020	2968582	8
Aroclor-1221	U	ND	24.4	73.3	ug/kg	0.0331	20					
Aroclor-1232	U	ND	24.4	73.3	ug/kg	0.0331	20					
Aroclor-1242		334	24.4	73.3	ug/kg	0.0331	20					
Aroclor-1248	U	ND	24.4	73.3	ug/kg	0.0331	20					
Aroclor-1254		122	24.4	73.3	ug/kg	0.0331	20					
Aroclor-1262	U	ND	24.4	73.3	ug/kg	0.0331	20					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-3.0 Project: RVDE00226C
Sample ID: 769001007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1268	U	ND	24.4	73.3	ug/kg	0.0331	20					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.368	1.47	ug/kg	0.166	1	YS1	03/24/26	0324	2965170	9
4,4'-DDE	U	ND	0.368	1.47	ug/kg	0.166	1					
4,4'-DDT	U	ND	0.368	1.47	ug/kg	0.166	1					
Aldrin	U	ND	0.184	0.736	ug/kg	0.166	1					
Dieldrin	U	ND	0.368	1.47	ug/kg	0.166	1					
Endosulfan I	U	ND	0.184	0.736	ug/kg	0.166	1					
Endosulfan II	U	ND	0.368	1.47	ug/kg	0.166	1					
Endosulfan sulfate	U	ND	0.368	1.47	ug/kg	0.166	1					
Endrin	U	ND	0.368	1.47	ug/kg	0.166	1					
Endrin aldehyde	U	ND	0.368	1.47	ug/kg	0.166	1					
Endrin ketone	U	ND	0.368	1.47	ug/kg	0.166	1					
Heptachlor	U	ND	0.184	0.736	ug/kg	0.166	1					
Heptachlor epoxide	U	ND	0.184	0.736	ug/kg	0.166	1					
Methoxychlor	U	ND	1.84	7.36	ug/kg	0.166	1					
Toxaphene	U	ND	6.13	18.4	ug/kg	0.166	1					
alpha-BHC	U	ND	0.184	0.736	ug/kg	0.166	1					
beta-BHC	U	ND	0.184	0.736	ug/kg	0.166	1					
cis-Chlordane	U	ND	0.184	0.736	ug/kg	0.166	1					
delta-BHC	U	ND	0.184	0.736	ug/kg	0.166	1					
gamma-BHC (Lindane)	U	ND	0.184	0.736	ug/kg	0.166	1					
trans-Chlordane	U	ND	0.184	0.736	ug/kg	0.166	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		1.35	0.147	0.367	mg/kg	33.2	1	BR2	03/31/26	1330	2968525	11

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/20/26	0731	2964592
SW846 3541	Prep Method 3541 8081B Prep Soil	CB1	03/23/26	0627	2965167
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3541	Prep Method 3541 PCB Prep Soil	DS5	03/30/26	0742	2968581

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-3.0 Project: RVDE00226C
Sample ID: 769001007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
SW846 3060A		SW846_7196A Hexavalent Chromium in Soil		BR2	03/30/26		1633		2968524			
SW846 3541		Prep Method 3541 8270E BNA for Soil		CB1	03/20/26		0612		2964565			
SW846 9010C Distillation		SW846 9010C Prep		GP1	03/31/26		1403		2965892			

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3050B/6010D	
6	SW846 3541/8270E	
7	SW846 3541/8082A	
8	SW846 3541/8082A	
9	SW846 3541/8081B	
10	SW846 3541/8081B	
11	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1250 ug/kg	1840	68	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1240 ug/kg	1840	67	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	1840	74	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1080 ug/kg	3670	29	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1730 ug/kg	3670	47	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	737 ug/kg	3670	20	(19%-94%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.79 ug/kg	7.33	65	(24%-118%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	5.53 ug/kg	7.33	75	(31%-138%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	29.2 ug/kg	36.8	79	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	34.7 ug/kg	36.8	94	(26%-130%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-25-3.0	Project:	RVDE00226C
Sample ID:	769001007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-4.0
Sample ID: 769001008
Matrix: Soil
Collect Date: 17-MAR-26 16:15
Receive Date: 18-MAR-26
Collector: Client
Moisture: 14.5%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	93.9	281	ug/kg	48.1	1	CH9	03/31/26	1539	2965895	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		38.5	7.97	23.8	ug/kg	102	1	PB1	03/25/26	1200	2966349	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		10700000	7740	22800	ug/kg	97.3	1	EM2	03/25/26	1657	2964231	3
Antimony	J	502	375	2280	ug/kg	97.3	1					
Arsenic		4750	569	3410	ug/kg	97.3	1					
Barium		42200	114	569	ug/kg	97.3	1					
Beryllium	J	186	114	569	ug/kg	97.3	1					
Cadmium	J	289	114	569	ug/kg	97.3	1					
Calcium		15000000	9100	28400	ug/kg	97.3	1					
Chromium		102000	171	1140	ug/kg	97.3	1					
Cobalt		2340	171	569	ug/kg	97.3	1					
Copper		15100	341	2280	ug/kg	97.3	1					
Iron		19400000	9100	28400	ug/kg	97.3	1					
Lead		13800	375	2280	ug/kg	97.3	1					
Magnesium		2950000	9670	34100	ug/kg	97.3	1					
Nickel		6000	171	569	ug/kg	97.3	1					
Selenium	J	2150	569	3410	ug/kg	97.3	1					
Silver	J	455	114	569	ug/kg	97.3	1					
Sodium		176000	7960	28400	ug/kg	97.3	1					
Thallium	U	ND	569	2280	ug/kg	97.3	1					
Vanadium		42800	114	569	ug/kg	97.3	1					
Zinc		40500	455	2280	ug/kg	97.3	1					
Manganese		1960000	11400	56900	ug/kg	97.3	50	EM2	03/25/26	1735	2964231	4
Potassium		695000	7280	28400	ug/kg	97.3	1	EM2	03/27/26	1248	2964231	5
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	116	387	ug/kg	0.0331	1	BM1	03/20/26	1656	2964568	6
1,2,4,5-Tetrachlorobenzene	U	ND	116	387	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	116	387	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	116	387	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-4.0 Project: RVDE00226C
Sample ID: 769001008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	116	387	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	116	387	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	116	387	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	116	774	ug/kg	0.0331	1					
2,4-Dinitrotoluene	U	ND	116	387	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	116	387	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.6	38.7	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	116	387	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	116	387	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	11.6	38.7	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	116	387	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	116	387	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	116	387	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	155	387	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	116	387	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	116	387	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	116	387	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Acenaphthylene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Acetophenone	U	ND	116	387	ug/kg	0.0331	1					
Anthracene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Atrazine	U	ND	155	387	ug/kg	0.0331	1					
Benzaldehyde	U	ND	116	387	ug/kg	0.0331	1					
Benzo(a)anthracene	J	27.5	11.6	38.7	ug/kg	0.0331	1					
Benzo(a)pyrene	J	16.6	11.6	38.7	ug/kg	0.0331	1					
Benzo(b)fluoranthene	J	36.8	11.6	38.7	ug/kg	0.0331	1					
Benzo(ghi)perylene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.6	38.7	ug/kg	0.0331	1					
Carbazole	U	ND	11.6	38.7	ug/kg	0.0331	1					
Chrysene	J	35.6	11.6	38.7	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.6	38.7	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.6	38.7	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Dibenzofuran	U	ND	116	387	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.6	38.7	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-4.0 Project: RVDE00226C
Sample ID: 769001008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	U	ND	11.6	38.7	ug/kg	0.0331	1					
Diphenylamine	U	ND	116	387	ug/kg	0.0331	1					
Fluoranthene		64.7	11.6	38.7	ug/kg	0.0331	1					
Fluorene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Hexachlorobenzene	U	ND	116	387	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	116	387	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	116	387	ug/kg	0.0331	1					
Hexachloroethane	U	ND	116	387	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	13.9	11.6	38.7	ug/kg	0.0331	1					
Isophorone	U	ND	116	387	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	116	387	ug/kg	0.0331	1					
Naphthalene	U	ND	11.6	38.7	ug/kg	0.0331	1					
Nitrobenzene	U	ND	116	387	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	116	387	ug/kg	0.0331	1					
Phenanthrene	J	23.6	11.6	38.7	ug/kg	0.0331	1					
Phenol	U	ND	116	387	ug/kg	0.0331	1					
Pyrene		59.2	11.6	38.7	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	116	387	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	116	387	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	116	387	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	J	27.9	11.6	38.7	ug/kg	0.0331	1					
m,p-Cresols	U	ND	116	387	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	116	387	ug/kg	0.0331	1					
o-Cresol	U	ND	116	387	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	128	387	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	116	387	ug/kg	0.0331	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1260		21.8	1.29	3.89	ug/kg	0.0332	1	JXM	03/31/26	0035	2968582	7
Aroclor-1016	U	ND	1.29	3.89	ug/kg	0.0332	1	JXM	03/31/26	0035	2968582	8
Aroclor-1221	U	ND	1.29	3.89	ug/kg	0.0332	1					
Aroclor-1232	U	ND	1.29	3.89	ug/kg	0.0332	1					
Aroclor-1242		30.0	1.29	3.89	ug/kg	0.0332	1					
Aroclor-1248	U	ND	1.29	3.89	ug/kg	0.0332	1					
Aroclor-1254		21.6	1.29	3.89	ug/kg	0.0332	1					
Aroclor-1262	U	ND	1.29	3.89	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-4.0 Project: RVDE00226C
Sample ID: 769001008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1268	U	ND	1.29	3.89	ug/kg	0.0332	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.389	1.56	ug/kg	0.166	1	YS1	03/24/26	0425	2965170	9
4,4'-DDE	U	ND	0.389	1.56	ug/kg	0.166	1					
4,4'-DDT	U	ND	0.389	1.56	ug/kg	0.166	1					
Aldrin	U	ND	0.195	0.778	ug/kg	0.166	1					
Dieldrin	U	ND	0.389	1.56	ug/kg	0.166	1					
Endosulfan I	U	ND	0.195	0.778	ug/kg	0.166	1					
Endosulfan II	U	ND	0.389	1.56	ug/kg	0.166	1					
Endosulfan sulfate	U	ND	0.389	1.56	ug/kg	0.166	1					
Endrin	U	ND	0.389	1.56	ug/kg	0.166	1					
Endrin aldehyde	U	ND	0.389	1.56	ug/kg	0.166	1					
Endrin ketone	U	ND	0.389	1.56	ug/kg	0.166	1					
Heptachlor	U	ND	0.195	0.778	ug/kg	0.166	1					
Heptachlor epoxide	U	ND	0.195	0.778	ug/kg	0.166	1					
Methoxychlor	U	ND	1.95	7.78	ug/kg	0.166	1					
Toxaphene	U	ND	6.48	19.5	ug/kg	0.166	1					
alpha-BHC	U	ND	0.195	0.778	ug/kg	0.166	1					
beta-BHC	U	ND	0.195	0.778	ug/kg	0.166	1					
cis-Chlordane	U	ND	0.195	0.778	ug/kg	0.166	1					
delta-BHC	U	ND	0.195	0.778	ug/kg	0.166	1					
gamma-BHC (Lindane)	U	ND	0.195	0.778	ug/kg	0.166	1					
trans-Chlordane	U	ND	0.195	0.778	ug/kg	0.166	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.344	0.115	0.287	mg/kg	24.5	1	BR2	03/31/26	1330	2968525	11
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.308	0.924	ug/kg	0.790	1	PXY1	03/31/26	1436	2970065	12
1,1,2,2-Tetrachloroethane	U	ND	0.308	0.924	ug/kg	0.790	1					
1,1,2-Trichloroethane	U	ND	0.308	0.924	ug/kg	0.790	1					
1,1-Dichloroethane	U	ND	0.308	0.924	ug/kg	0.790	1					
1,1-Dichloroethylene	U	ND	0.308	0.924	ug/kg	0.790	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-4.0 Project: RVDE00226C
Sample ID: 769001008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2,3-Trichlorobenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
1,2,4-Trichlorobenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
1,2-Dibromo-3-chloropropane	U	ND	0.462	0.924	ug/kg	0.790	1					
1,2-Dibromoethane	U	ND	0.308	0.924	ug/kg	0.790	1					
1,2-Dichlorobenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
1,2-Dichloroethane	U	ND	0.308	0.924	ug/kg	0.790	1					
1,2-Dichloropropane	U	ND	0.308	0.924	ug/kg	0.790	1					
1,3-Dichlorobenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
1,4-Dichlorobenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
1,4-Dioxane	U	ND	15.4	46.2	ug/kg	0.790	1					
2-Butanone	U	ND	1.54	4.62	ug/kg	0.790	1					
2-Hexanone	U	ND	1.54	4.62	ug/kg	0.790	1					
4-Methyl-2-pentanone	U	ND	1.54	4.62	ug/kg	0.790	1					
Acetone		9.38	1.54	4.62	ug/kg	0.790	1					
Benzene	U	ND	0.308	0.924	ug/kg	0.790	1					
Bromochloromethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Bromodichloromethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Bromoform	U	ND	0.308	0.924	ug/kg	0.790	1					
Bromomethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Carbon disulfide	U	ND	1.54	4.62	ug/kg	0.790	1					
Carbon tetrachloride	U	ND	0.308	0.924	ug/kg	0.790	1					
Chlorobenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
Chloroethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Chloroform	U	ND	0.308	0.924	ug/kg	0.790	1					
Chloromethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Cyclohexane	U	ND	0.308	0.924	ug/kg	0.790	1					
Dibromochloromethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Dichlorodifluoromethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Ethylbenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
Isopropylbenzene	U	ND	0.308	0.924	ug/kg	0.790	1					
Methyl acetate	U	ND	1.54	4.62	ug/kg	0.790	1					
Methylcyclohexane	U	ND	0.308	0.924	ug/kg	0.790	1					
Methylene chloride	U	ND	1.54	4.62	ug/kg	0.790	1					
Styrene	U	ND	0.308	0.924	ug/kg	0.790	1					
Tetrachloroethylene	U	ND	0.308	0.924	ug/kg	0.790	1					
Toluene	U	ND	0.308	0.924	ug/kg	0.790	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-25-4.0	Project:	RVDE00226C
Sample ID:	769001008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Trichloroethylene	U	ND	0.308	0.924	ug/kg	0.790	1					
Trichlorofluoromethane	U	ND	0.308	0.924	ug/kg	0.790	1					
Trichlorotrifluoroethane	U	ND	1.54	4.62	ug/kg	0.790	1					
Vinyl chloride	U	ND	0.308	0.924	ug/kg	0.790	1					
cis-1,2-Dichloroethylene	U	ND	0.308	0.924	ug/kg	0.790	1					
cis-1,3-Dichloropropylene	U	ND	0.308	0.924	ug/kg	0.790	1					
m,p-Xylenes	U	ND	0.616	1.85	ug/kg	0.790	1					
o-Xylene	U	ND	0.308	0.924	ug/kg	0.790	1					
tert-Butyl methyl ether	U	ND	0.308	0.924	ug/kg	0.790	1					
trans-1,2-Dichloroethylene	U	ND	0.308	0.924	ug/kg	0.790	1					
trans-1,3-Dichloropropylene	U	ND	0.308	0.924	ug/kg	0.790	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 PCB Prep Soil	DS5	03/30/26	0742	2968581
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 9010C Distillation	SW846 9010C Prep	GP1	03/31/26	1403	2965892
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/20/26	0731	2964592
SW846 3541	Prep Method 3541 8081B Prep Soil	CB1	03/23/26	0627	2965167
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 5035	5035 Prep	PXY1	03/17/26	1615	2970064
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-25-4.0 Project: RVDE00226C
Sample ID: 769001008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3050B/6010D	
6	SW846 3541/8270E	
7	SW846 3541/8082A	
8	SW846 3541/8082A	
9	SW846 3541/8081B	
10	SW846 3541/8081B	
11	SW846 7196A	
12	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1530 ug/kg	1940	79	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	1940	77	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1680 ug/kg	1940	87	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1800 ug/kg	3870	46	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3250 ug/kg	3870	84	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2910 ug/kg	3870	75	(19%-94%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.23 ug/kg	7.77	54	(24%-118%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.44 ug/kg	7.77	57	(31%-138%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	29.4 ug/kg	38.9	76	(26%-130%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	25.0 ug/kg	38.9	64	(35%-151%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	41.1 ug/kg	50.0	89	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	51.8 ug/kg	50.0	112	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.9 ug/kg	50.0	93	(79%-122%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-25-4.0	Project:	RVDE00226C
Sample ID:	769001008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-2.0
Sample ID: 769001009
Matrix: Soil
Collect Date: 18-MAR-26 08:25
Receive Date: 18-MAR-26
Collector: Client
Moisture: 9.88%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	21.3	8.85	26.4	ug/kg	119	1	PB1	03/25/26	1201	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Manganese		14400000	10800	53800	ug/kg	96.9	50	EM2	03/25/26	1738	2964231	2
Aluminum		27700000	73100	215000	ug/kg	96.9	10	EM2	03/27/26	1234	2964231	3
Antimony	J	10600	3550	21500	ug/kg	96.9	10					
Arsenic	J	7180	5380	32300	ug/kg	96.9	10					
Barium		571000	1080	5380	ug/kg	96.9	10					
Beryllium	J	2570	1080	5380	ug/kg	96.9	10					
Cadmium	J	3990	1080	5380	ug/kg	96.9	10					
Calcium		185000000	86000	269000	ug/kg	96.9	10					
Chromium		628000	1610	10800	ug/kg	96.9	10					
Cobalt		10400	1610	5380	ug/kg	96.9	10					
Copper		147000	3230	21500	ug/kg	96.9	10					
Iron		102000000	86000	269000	ug/kg	96.9	10					
Lead		212000	3550	21500	ug/kg	96.9	10					
Magnesium		49600000	91400	323000	ug/kg	96.9	10					
Nickel		46900	1610	5380	ug/kg	96.9	10					
Potassium		316000	68800	269000	ug/kg	96.9	10					
Selenium	J	12400	5380	32300	ug/kg	96.9	10					
Silver	J	4460	1080	5380	ug/kg	96.9	10					
Sodium		537000	75300	269000	ug/kg	96.9	10					
Thallium	U	ND	5380	21500	ug/kg	96.9	10					
Vanadium		1040000	1080	5380	ug/kg	96.9	10					
Zinc		1010000	4300	21500	ug/kg	96.9	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	111	369	ug/kg	0.0333	1	NM1	03/24/26	1932	2966002	4
1,2,4,5-Tetrachlorobenzene	U	ND	111	369	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	111	369	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	111	369	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	111	369	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	111	369	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	111	369	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	111	739	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-2.0 Project: RVDE00226C
Sample ID: 769001009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	111	369	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	111	369	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.1	36.9	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	111	369	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	111	369	ug/kg	0.0333	1					
2-Methylnaphthalene	J	15.5	11.1	36.9	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	111	369	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	111	369	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	111	369	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	148	369	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	111	369	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	111	369	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	111	369	ug/kg	0.0333	1					
Acenaphthene	U	ND	11.1	36.9	ug/kg	0.0333	1					
Acenaphthylene	U	ND	11.1	36.9	ug/kg	0.0333	1					
Acetophenone	U	ND	111	369	ug/kg	0.0333	1					
Anthracene	U	ND	11.1	36.9	ug/kg	0.0333	1					
Atrazine	U	ND	148	369	ug/kg	0.0333	1					
Benzaldehyde	U	ND	111	369	ug/kg	0.0333	1					
Benzo(a)anthracene	J	25.5	11.1	36.9	ug/kg	0.0333	1					
Benzo(a)pyrene	J	23.6	11.1	36.9	ug/kg	0.0333	1					
Benzo(b)fluoranthene		55.4	11.1	36.9	ug/kg	0.0333	1					
Benzo(ghi)perylene	J	25.5	11.1	36.9	ug/kg	0.0333	1					
Benzo(k)fluoranthene	J	18.1	11.1	36.9	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.1	36.9	ug/kg	0.0333	1					
Carbazole	U	ND	11.1	36.9	ug/kg	0.0333	1					
Chrysene		53.5	11.1	36.9	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	11.1	36.9	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	11.1	36.9	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	11.1	36.9	ug/kg	0.0333	1					
Dibenzofuran	U	ND	111	369	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.1	36.9	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	11.1	36.9	ug/kg	0.0333	1					
Diphenylamine	U	ND	111	369	ug/kg	0.0333	1					
Fluoranthene		83.8	11.1	36.9	ug/kg	0.0333	1					
Fluorene	U	ND	11.1	36.9	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-2.0 Project: RVDE00226C
Sample ID: 769001009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	111	369	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	111	369	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	111	369	ug/kg	0.0333	1					
Hexachloroethane	U	ND	111	369	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	J	23.6	11.1	36.9	ug/kg	0.0333	1					
Isophorone	U	ND	111	369	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	111	369	ug/kg	0.0333	1					
Naphthalene	U	ND	11.1	36.9	ug/kg	0.0333	1					
Nitrobenzene	U	ND	111	369	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	111	369	ug/kg	0.0333	1					
Phenanthrene		53.5	11.1	36.9	ug/kg	0.0333	1					
Phenol	U	ND	111	369	ug/kg	0.0333	1					
Pyrene		50.6	11.1	36.9	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	111	369	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	111	369	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	111	369	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	J	22.5	11.1	36.9	ug/kg	0.0333	1					
m,p-Cresols	U	ND	111	369	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	111	369	ug/kg	0.0333	1					
o-Cresol	U	ND	111	369	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	122	369	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	111	369	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.317	0.148	0.369	mg/kg	33.3	1	BR2	03/31/26	1330	2968525	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/24/26	0609	2966001

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-40-2.0	Project:	RVDE00226C
Sample ID:	769001009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1090 ug/kg	1850	59	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1850	62	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1170 ug/kg	1850	64	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	670 ug/kg	3690	18*	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1070 ug/kg	3690	29	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2420 ug/kg	3690	65	(20%-99%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-3.0
Sample ID: 769001010
Matrix: Soil
Collect Date: 18-MAR-26 08:30
Receive Date: 18-MAR-26
Collector: Client
Moisture: 8.17%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		46.1	7.90	23.6	ug/kg	108	1	PB1	03/25/26	1203	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2760000	6790	20000	ug/kg	91.7	1	EM2	03/25/26	1703	2964231	2
Antimony	J	470	330	2000	ug/kg	91.7	1					
Arsenic	J	1550	500	3000	ug/kg	91.7	1					
Barium		19600	99.9	500	ug/kg	91.7	1					
Beryllium	U	ND	99.9	500	ug/kg	91.7	1					
Cadmium	J	139	99.9	500	ug/kg	91.7	1					
Calcium		4200000	7990	25000	ug/kg	91.7	1					
Chromium		14700	150	999	ug/kg	91.7	1					
Cobalt		608	150	500	ug/kg	91.7	1					
Copper		5500	300	2000	ug/kg	91.7	1					
Iron		4110000	7990	25000	ug/kg	91.7	1					
Lead		16400	330	2000	ug/kg	91.7	1					
Magnesium		1050000	8490	30000	ug/kg	91.7	1					
Manganese		243000	200	999	ug/kg	91.7	1					
Nickel		1500	150	500	ug/kg	91.7	1					
Selenium	U	ND	500	3000	ug/kg	91.7	1					
Silver	U	ND	99.9	500	ug/kg	91.7	1					
Sodium	J	24700	6990	25000	ug/kg	91.7	1					
Thallium	U	ND	500	2000	ug/kg	91.7	1					
Vanadium		22600	99.9	500	ug/kg	91.7	1					
Zinc		31400	400	2000	ug/kg	91.7	1					
Potassium		126000	6390	25000	ug/kg	91.7	1	EM2	03/27/26	1241	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	358	ug/kg	0.0328	1	BM1	03/20/26	1737	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	107	358	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	107	715	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-3.0 Project: RVDE00226C
Sample ID: 769001010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	358	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	107	358	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	10.7	35.8	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	358	ug/kg	0.0328	1					
2-Methylnaphthalene	U	ND	10.7	35.8	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	107	358	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	107	358	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	107	358	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	143	358	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	107	358	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	107	358	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	107	358	ug/kg	0.0328	1					
Acenaphthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Acenaphthylene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Acetophenone	U	ND	107	358	ug/kg	0.0328	1					
Anthracene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Atrazine	U	ND	143	358	ug/kg	0.0328	1					
Benzaldehyde	U	ND	107	358	ug/kg	0.0328	1					
Benzo(a)anthracene	J	12.9	10.7	35.8	ug/kg	0.0328	1					
Benzo(a)pyrene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Benzo(b)fluoranthene	J	15.7	10.7	35.8	ug/kg	0.0328	1					
Benzo(ghi)perylene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Benzo(k)fluoranthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Carbazole	U	ND	10.7	35.8	ug/kg	0.0328	1					
Chrysene	J	11.8	10.7	35.8	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dibenzofuran	U	ND	107	358	ug/kg	0.0328	1					
Diethylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Diphenylamine	U	ND	107	358	ug/kg	0.0328	1					
Fluoranthene	J	16.8	10.7	35.8	ug/kg	0.0328	1					
Fluorene	U	ND	10.7	35.8	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-3.0 Project: RVDE00226C
Sample ID: 769001010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	358	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	107	358	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	107	358	ug/kg	0.0328	1					
Hexachloroethane	U	ND	107	358	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Isophorone	U	ND	107	358	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	107	358	ug/kg	0.0328	1					
Naphthalene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Nitrobenzene	U	ND	107	358	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	107	358	ug/kg	0.0328	1					
Phenanthrene	J	11.8	10.7	35.8	ug/kg	0.0328	1					
Phenol	U	ND	107	358	ug/kg	0.0328	1					
Pyrene	J	13.2	10.7	35.8	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
m,p-Cresols	U	ND	107	358	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	107	358	ug/kg	0.0328	1					
o-Cresol	U	ND	107	358	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	118	358	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	107	358	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.162	0.406	mg/kg	37.3	1	BR2	03/31/26	1330	2968525	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.275	0.826	ug/kg	0.759	1	PXY1	03/31/26	1504	2970065	6
1,1,2,2-Tetrachloroethane	U	ND	0.275	0.826	ug/kg	0.759	1					
1,1,2-Trichloroethane	U	ND	0.275	0.826	ug/kg	0.759	1					
1,1-Dichloroethane	U	ND	0.275	0.826	ug/kg	0.759	1					
1,1-Dichloroethylene	U	ND	0.275	0.826	ug/kg	0.759	1					
1,2,3-Trichlorobenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
1,2,4-Trichlorobenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
1,2-Dibromo-3-chloropropane	U	ND	0.413	0.826	ug/kg	0.759	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-3.0 Project: RVDE00226C
Sample ID: 769001010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.275	0.826	ug/kg	0.759	1					
1,2-Dichlorobenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
1,2-Dichloroethane	U	ND	0.275	0.826	ug/kg	0.759	1					
1,2-Dichloropropane	U	ND	0.275	0.826	ug/kg	0.759	1					
1,3-Dichlorobenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
1,4-Dichlorobenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
1,4-Dioxane	U	ND	13.8	41.3	ug/kg	0.759	1					
2-Butanone	U	ND	1.38	4.13	ug/kg	0.759	1					
2-Hexanone	U	ND	1.38	4.13	ug/kg	0.759	1					
4-Methyl-2-pentanone	U	ND	1.38	4.13	ug/kg	0.759	1					
Acetone		19.1	1.38	4.13	ug/kg	0.759	1					
Benzene	U	ND	0.275	0.826	ug/kg	0.759	1					
Bromochloromethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Bromodichloromethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Bromoform	U	ND	0.275	0.826	ug/kg	0.759	1					
Bromomethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Carbon disulfide	U	ND	1.38	4.13	ug/kg	0.759	1					
Carbon tetrachloride	U	ND	0.275	0.826	ug/kg	0.759	1					
Chlorobenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
Chloroethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Chloroform	U	ND	0.275	0.826	ug/kg	0.759	1					
Chloromethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Cyclohexane	U	ND	0.275	0.826	ug/kg	0.759	1					
Dibromochloromethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Dichlorodifluoromethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Ethylbenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
Isopropylbenzene	U	ND	0.275	0.826	ug/kg	0.759	1					
Methyl acetate	U	ND	1.38	4.13	ug/kg	0.759	1					
Methylcyclohexane	U	ND	0.275	0.826	ug/kg	0.759	1					
Methylene chloride	U	ND	1.38	4.13	ug/kg	0.759	1					
Styrene	U	ND	0.275	0.826	ug/kg	0.759	1					
Tetrachloroethylene	U	ND	0.275	0.826	ug/kg	0.759	1					
Toluene	U	ND	0.275	0.826	ug/kg	0.759	1					
Trichloroethylene	U	ND	0.275	0.826	ug/kg	0.759	1					
Trichlorofluoromethane	U	ND	0.275	0.826	ug/kg	0.759	1					
Trichlorotrifluoroethane	U	ND	1.38	4.13	ug/kg	0.759	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-40-3.0 Project: RVDE00226C
Sample ID: 769001010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.275	0.826	ug/kg	0.759	1					
cis-1,2-Dichloroethylene	U	ND	0.275	0.826	ug/kg	0.759	1					
cis-1,3-Dichloropropylene	U	ND	0.275	0.826	ug/kg	0.759	1					
m,p-Xylenes	U	ND	0.551	1.65	ug/kg	0.759	1					
o-Xylene	U	ND	0.275	0.826	ug/kg	0.759	1					
tert-Butyl methyl ether	U	ND	0.275	0.826	ug/kg	0.759	1					
trans-1,2-Dichloroethylene	U	ND	0.275	0.826	ug/kg	0.759	1					
trans-1,3-Dichloropropylene	U	ND	0.275	0.826	ug/kg	0.759	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 5035	5035 Prep	PXY1	03/18/26	0830	2970064
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1170 ug/kg	1790	66	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1790	64	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1320 ug/kg	1790	74	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2260 ug/kg	3580	63	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2590 ug/kg	3580	72	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2430 ug/kg	3580	68	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	36.1 ug/kg	50.0	88	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	43.3 ug/kg	50.0	105	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-40-3.0	Project:	RVDE00226C
Sample ID:	769001010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		37.6	ug/kg	50.0		91		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-01-2.0
Sample ID: 769001011
Matrix: Soil
Collect Date: 18-MAR-26 10:00
Receive Date: 18-MAR-26
Collector: Client
Moisture: 18.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		40.0	8.53	25.5	ug/kg	104	1	PB1	03/25/26	1208	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		12500000	7640	22500	ug/kg	91.9	1	EM2	03/27/26	1304	2964231	2
Antimony		2480	371	2250	ug/kg	91.9	1					
Arsenic		11400	561	3370	ug/kg	91.9	1					
Barium		17800	112	561	ug/kg	91.9	1					
Beryllium	J	157	112	561	ug/kg	91.9	1					
Cadmium	J	290	112	561	ug/kg	91.9	1					
Calcium		20600000	8980	28100	ug/kg	91.9	1					
Chromium		23000	168	1120	ug/kg	91.9	1					
Cobalt		1040	168	561	ug/kg	91.9	1					
Copper		3430	337	2250	ug/kg	91.9	1					
Iron		28600000	8980	28100	ug/kg	91.9	1					
Lead		5780	371	2250	ug/kg	91.9	1					
Magnesium		590000	9540	33700	ug/kg	91.9	1					
Manganese		49000	225	1120	ug/kg	91.9	1					
Nickel		3710	168	561	ug/kg	91.9	1					
Potassium		267000	7190	28100	ug/kg	91.9	1					
Selenium	U	ND	561	3370	ug/kg	91.9	1					
Silver	U	ND	112	561	ug/kg	91.9	1					
Sodium		48500	7860	28100	ug/kg	91.9	1					
Thallium	U	ND	561	2250	ug/kg	91.9	1					
Vanadium		55200	112	561	ug/kg	91.9	1					
Zinc		7760	449	2250	ug/kg	91.9	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	122	406	ug/kg	0.0332	1	BM1	03/20/26	1757	2964568	3
1,2,4,5-Tetrachlorobenzene	U	ND	122	406	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	122	406	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	122	811	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-01-2.0 Project: RVDE00226C
Sample ID: 769001011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	122	406	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	122	406	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	12.2	40.6	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	122	406	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	12.2	40.6	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	122	406	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	122	406	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	122	406	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	162	406	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	122	406	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	122	406	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	122	406	ug/kg	0.0332	1					
Acenaphthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Acenaphthylene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Acetophenone	U	ND	122	406	ug/kg	0.0332	1					
Anthracene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Atrazine	U	ND	162	406	ug/kg	0.0332	1					
Benzaldehyde	U	ND	122	406	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Carbazole	U	ND	12.2	40.6	ug/kg	0.0332	1					
Chrysene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Dibenzofuran	U	ND	122	406	ug/kg	0.0332	1					
Diethylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Diphenylamine	U	ND	122	406	ug/kg	0.0332	1					
Fluoranthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Fluorene	U	ND	12.2	40.6	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-01-2.0 Project: RVDE00226C
Sample ID: 769001011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	122	406	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	122	406	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	122	406	ug/kg	0.0332	1					
Hexachloroethane	U	ND	122	406	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Isophorone	U	ND	122	406	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	122	406	ug/kg	0.0332	1					
Naphthalene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Nitrobenzene	U	ND	122	406	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	122	406	ug/kg	0.0332	1					
Phenanthrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Phenol	U	ND	122	406	ug/kg	0.0332	1					
Pyrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	122	406	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	122	406	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	122	406	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
m,p-Cresols	U	ND	122	406	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	122	406	ug/kg	0.0332	1					
o-Cresol	U	ND	122	406	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	134	406	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	122	406	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.180	0.451	mg/kg	36.9	1	BR2	03/31/26	1330	2968525	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-01-2.0	Project:	RVDE00226C
Sample ID:	769001011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1450 ug/kg	2030	72	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1420 ug/kg	2030	70	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1550 ug/kg	2030	76	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2420 ug/kg	4060	60	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3090 ug/kg	4060	76	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2830 ug/kg	4060	70	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-01-5.0	Project:	RVDE00226C
Sample ID:	769001012	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	18-MAR-26 10:10		
Receive Date:	18-MAR-26		
Collector:	Client		
Moisture:	17%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	13.4	8.41	25.1	ug/kg	104	1	PB1	03/25/26	1210	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8020000	7080	20800	ug/kg	86.4	1	EM2	03/25/26	1708	2964231	2
Antimony	J	1410	344	2080	ug/kg	86.4	1					
Arsenic		6180	520	3120	ug/kg	86.4	1					
Barium		12500	104	520	ug/kg	86.4	1					
Beryllium	U	ND	104	520	ug/kg	86.4	1					
Cadmium	J	137	104	520	ug/kg	86.4	1					
Calcium		1300000	8330	26000	ug/kg	86.4	1					
Chromium		12300	156	1040	ug/kg	86.4	1					
Cobalt		527	156	520	ug/kg	86.4	1					
Copper	J	1970	312	2080	ug/kg	86.4	1					
Iron		11700000	8330	26000	ug/kg	86.4	1					
Lead		5020	344	2080	ug/kg	86.4	1					
Magnesium		264000	8850	31200	ug/kg	86.4	1					
Manganese		9070	208	1040	ug/kg	86.4	1					
Nickel		1270	156	520	ug/kg	86.4	1					
Selenium	J	558	520	3120	ug/kg	86.4	1					
Silver	U	ND	104	520	ug/kg	86.4	1					
Sodium	J	23700	7290	26000	ug/kg	86.4	1					
Thallium	U	ND	520	2080	ug/kg	86.4	1					
Vanadium		21800	104	520	ug/kg	86.4	1					
Zinc		5190	416	2080	ug/kg	86.4	1					
Potassium		256000	6660	26000	ug/kg	86.4	1	EM2	03/27/26	1307	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	119	398	ug/kg	0.0330	1	BM1	03/20/26	1817	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	119	398	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	119	398	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	119	398	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	119	398	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	119	398	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	119	398	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	119	796	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-01-5.0 Project: RVDE00226C
Sample ID: 769001012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	119	398	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	119	398	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	11.9	39.8	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	119	398	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	119	398	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	11.9	39.8	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	119	398	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	119	398	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	119	398	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	159	398	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	119	398	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	119	398	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	119	398	ug/kg	0.0330	1					
Acenaphthene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Acenaphthylene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Acetophenone	U	ND	119	398	ug/kg	0.0330	1					
Anthracene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Atrazine	U	ND	159	398	ug/kg	0.0330	1					
Benzaldehyde	U	ND	119	398	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	11.9	39.8	ug/kg	0.0330	1					
Carbazole	U	ND	11.9	39.8	ug/kg	0.0330	1					
Chrysene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	11.9	39.8	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	11.9	39.8	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Dibenzofuran	U	ND	119	398	ug/kg	0.0330	1					
Diethylphthalate	U	ND	11.9	39.8	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	11.9	39.8	ug/kg	0.0330	1					
Diphenylamine	U	ND	119	398	ug/kg	0.0330	1					
Fluoranthene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Fluorene	U	ND	11.9	39.8	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-01-5.0 Project: RVDE00226C
Sample ID: 769001012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	119	398	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	119	398	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	119	398	ug/kg	0.0330	1					
Hexachloroethane	U	ND	119	398	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Isophorone	U	ND	119	398	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	119	398	ug/kg	0.0330	1					
Naphthalene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Nitrobenzene	U	ND	119	398	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	119	398	ug/kg	0.0330	1					
Phenanthrene	U	ND	11.9	39.8	ug/kg	0.0330	1					
Phenol	U	ND	119	398	ug/kg	0.0330	1					
Pyrene	U	ND	11.9	39.8	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	119	398	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	119	398	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	119	398	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.9	39.8	ug/kg	0.0330	1					
m,p-Cresols	U	ND	119	398	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	119	398	ug/kg	0.0330	1					
o-Cresol	U	ND	119	398	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	131	398	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	119	398	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.165	0.413	mg/kg	34.3	1	BR2	03/31/26	1330	2968525	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.228	0.686	ug/kg	0.569	1	PXY1	03/31/26	1532	2970065	6
1,1,2,2-Tetrachloroethane	U	ND	0.228	0.686	ug/kg	0.569	1					
1,1,2-Trichloroethane	U	ND	0.228	0.686	ug/kg	0.569	1					
1,1-Dichloroethane	U	ND	0.228	0.686	ug/kg	0.569	1					
1,1-Dichloroethylene	U	ND	0.228	0.686	ug/kg	0.569	1					
1,2,3-Trichlorobenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
1,2,4-Trichlorobenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
1,2-Dibromo-3-chloropropane	U	ND	0.343	0.686	ug/kg	0.569	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-01-5.0	Project:	RVDE00226C
Sample ID:	769001012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.228	0.686	ug/kg	0.569	1					
1,2-Dichlorobenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
1,2-Dichloroethane	U	ND	0.228	0.686	ug/kg	0.569	1					
1,2-Dichloropropane	U	ND	0.228	0.686	ug/kg	0.569	1					
1,3-Dichlorobenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
1,4-Dichlorobenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
1,4-Dioxane	U	ND	11.4	34.3	ug/kg	0.569	1					
2-Butanone		5.03	1.14	3.43	ug/kg	0.569	1					
2-Hexanone	U	ND	1.14	3.43	ug/kg	0.569	1					
4-Methyl-2-pentanone	U	ND	1.14	3.43	ug/kg	0.569	1					
Acetone		59.7	1.14	3.43	ug/kg	0.569	1					
Benzene	U	ND	0.228	0.686	ug/kg	0.569	1					
Bromochloromethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Bromodichloromethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Bromoform	U	ND	0.228	0.686	ug/kg	0.569	1					
Bromomethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Carbon disulfide	J	2.32	1.14	3.43	ug/kg	0.569	1					
Carbon tetrachloride	U	ND	0.228	0.686	ug/kg	0.569	1					
Chlorobenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
Chloroethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Chloroform	U	ND	0.228	0.686	ug/kg	0.569	1					
Chloromethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Cyclohexane	U	ND	0.228	0.686	ug/kg	0.569	1					
Dibromochloromethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Dichlorodifluoromethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Ethylbenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
Isopropylbenzene	U	ND	0.228	0.686	ug/kg	0.569	1					
Methyl acetate	U	ND	1.14	3.43	ug/kg	0.569	1					
Methylcyclohexane	U	ND	0.228	0.686	ug/kg	0.569	1					
Methylene chloride	U	ND	1.14	3.43	ug/kg	0.569	1					
Styrene	U	ND	0.228	0.686	ug/kg	0.569	1					
Tetrachloroethylene	U	ND	0.228	0.686	ug/kg	0.569	1					
Toluene	U	ND	0.228	0.686	ug/kg	0.569	1					
Trichloroethylene	U	ND	0.228	0.686	ug/kg	0.569	1					
Trichlorofluoromethane	U	ND	0.228	0.686	ug/kg	0.569	1					
Trichlorotrifluoroethane	U	ND	1.14	3.43	ug/kg	0.569	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-01-5.0 Project: RVDE00226C
Sample ID: 769001012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.228	0.686	ug/kg	0.569	1					
cis-1,2-Dichloroethylene	U	ND	0.228	0.686	ug/kg	0.569	1					
cis-1,3-Dichloropropylene	U	ND	0.228	0.686	ug/kg	0.569	1					
m,p-Xylenes	U	ND	0.457	1.37	ug/kg	0.569	1					
o-Xylene	U	ND	0.228	0.686	ug/kg	0.569	1					
tert-Butyl methyl ether	U	ND	0.228	0.686	ug/kg	0.569	1					
trans-1,2-Dichloroethylene	U	ND	0.228	0.686	ug/kg	0.569	1					
trans-1,3-Dichloropropylene	U	ND	0.228	0.686	ug/kg	0.569	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	PXY1	03/18/26	1010	2970064
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1280 ug/kg	1990	64	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1300 ug/kg	1990	65	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1470 ug/kg	1990	74	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2850 ug/kg	3980	72	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2730 ug/kg	3980	69	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2690 ug/kg	3980	68	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	43.0 ug/kg	50.0	125	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	39.4 ug/kg	50.0	115	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-01-5.0	Project:	RVDE00226C
Sample ID:	769001012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		31.1	ug/kg	50.0		91		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-1.0
Sample ID: 769001013
Matrix: Soil
Collect Date: 18-MAR-26 12:30
Receive Date: 18-MAR-26
Collector: Client
Moisture: 4.48%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	7.04	21.0	ug/kg	100	1	PB1	03/25/26	1314	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1370000	6410	18900	ug/kg	90.1	1	EM2	03/25/26	1717	2964231	2
Antimony	U	ND	311	1890	ug/kg	90.1	1					
Arsenic	U	ND	472	2830	ug/kg	90.1	1					
Barium		3900	94.3	472	ug/kg	90.1	1					
Beryllium	U	ND	94.3	472	ug/kg	90.1	1					
Cadmium	U	ND	94.3	472	ug/kg	90.1	1					
Calcium		654000	7550	23600	ug/kg	90.1	1					
Chromium		2210	141	943	ug/kg	90.1	1					
Cobalt	U	ND	141	472	ug/kg	90.1	1					
Copper	J	431	283	1890	ug/kg	90.1	1					
Iron		1200000	7550	23600	ug/kg	90.1	1					
Lead	J	1810	311	1890	ug/kg	90.1	1					
Magnesium		52800	8020	28300	ug/kg	90.1	1					
Manganese		5490	189	943	ug/kg	90.1	1					
Nickel	J	428	141	472	ug/kg	90.1	1					
Selenium	U	ND	472	2830	ug/kg	90.1	1					
Silver	U	ND	94.3	472	ug/kg	90.1	1					
Sodium		29600	6600	23600	ug/kg	90.1	1					
Thallium	U	ND	472	1890	ug/kg	90.1	1					
Vanadium		3140	94.3	472	ug/kg	90.1	1					
Zinc	J	1650	377	1890	ug/kg	90.1	1					
Potassium		80900	6040	23600	ug/kg	90.1	1	EM2	03/27/26	1309	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	103	345	ug/kg	0.0329	1	BM1	03/20/26	1838	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	103	345	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	103	345	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	103	345	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	103	345	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	103	345	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	103	345	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	103	690	ug/kg	0.0329	1					

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-1.0 Project: RVDE00226C
Sample ID: 769001013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	103	345	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	103	345	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.3	34.5	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	103	345	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	103	345	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	10.3	34.5	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	103	345	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	103	345	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	103	345	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	138	345	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	103	345	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	103	345	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	103	345	ug/kg	0.0329	1					
Acenaphthene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Acenaphthylene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Acetophenone	U	ND	103	345	ug/kg	0.0329	1					
Anthracene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Atrazine	U	ND	138	345	ug/kg	0.0329	1					
Benzaldehyde	U	ND	103	345	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	10.3	34.5	ug/kg	0.0329	1					
Carbazole	U	ND	10.3	34.5	ug/kg	0.0329	1					
Chrysene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.3	34.5	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.3	34.5	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Dibenzofuran	U	ND	103	345	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.3	34.5	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	10.3	34.5	ug/kg	0.0329	1					
Diphenylamine	U	ND	103	345	ug/kg	0.0329	1					
Fluoranthene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Fluorene	U	ND	10.3	34.5	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-1.0 Project: RVDE00226C
Sample ID: 769001013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	103	345	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	103	345	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	103	345	ug/kg	0.0329	1					
Hexachloroethane	U	ND	103	345	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Isophorone	U	ND	103	345	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	103	345	ug/kg	0.0329	1					
Naphthalene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Nitrobenzene	U	ND	103	345	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	103	345	ug/kg	0.0329	1					
Phenanthrene	U	ND	10.3	34.5	ug/kg	0.0329	1					
Phenol	U	ND	103	345	ug/kg	0.0329	1					
Pyrene	U	ND	10.3	34.5	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	103	345	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	103	345	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	103	345	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.3	34.5	ug/kg	0.0329	1					
m,p-Cresols	U	ND	103	345	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	103	345	ug/kg	0.0329	1					
o-Cresol	U	ND	103	345	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	114	345	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	103	345	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.0879	0.220	mg/kg	21.0	1	BR2	03/31/26	1330	2968525	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-1.0 Project: RVDE00226C
Sample ID: 769001013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1340 ug/kg	1720	78	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1720	76	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1450 ug/kg	1720	84	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2860 ug/kg	3450	83	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2860 ug/kg	3450	83	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2780 ug/kg	3450	81	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-14-1.0-DP	Project:	RVDE00226C
Sample ID:	769001014	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	18-MAR-26 12:32		
Receive Date:	18-MAR-26		
Collector:	Client		
Moisture:	4.2%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.26	24.7	ug/kg	118	1	PB1	03/25/26	1213	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1290000	6090	17900	ug/kg	85.8	1	EM2	03/25/26	1719	2964231	2
Antimony	U	ND	295	1790	ug/kg	85.8	1					
Arsenic	J	450	448	2690	ug/kg	85.8	1					
Barium		3750	89.5	448	ug/kg	85.8	1					
Beryllium	U	ND	89.5	448	ug/kg	85.8	1					
Cadmium	U	ND	89.5	448	ug/kg	85.8	1					
Calcium		260000	7160	22400	ug/kg	85.8	1					
Chromium		2500	134	895	ug/kg	85.8	1					
Cobalt	U	ND	134	448	ug/kg	85.8	1					
Copper	J	406	269	1790	ug/kg	85.8	1					
Iron		1110000	7160	22400	ug/kg	85.8	1					
Lead		3450	295	1790	ug/kg	85.8	1					
Magnesium		50500	7610	26900	ug/kg	85.8	1					
Manganese		5310	179	895	ug/kg	85.8	1					
Nickel	J	379	134	448	ug/kg	85.8	1					
Selenium	U	ND	448	2690	ug/kg	85.8	1					
Silver	U	ND	89.5	448	ug/kg	85.8	1					
Sodium		29700	6270	22400	ug/kg	85.8	1					
Thallium	U	ND	448	1790	ug/kg	85.8	1					
Vanadium		2940	89.5	448	ug/kg	85.8	1					
Zinc	J	1270	358	1790	ug/kg	85.8	1					
Potassium		78100	5730	22400	ug/kg	85.8	1	EM2	03/27/26	1313	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	104	346	ug/kg	0.0332	1	BM1	03/20/26	1858	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	104	346	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	104	346	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	104	346	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	104	346	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	104	346	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	104	346	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	104	693	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-1.0-DP
Sample ID: 769001014
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	104	346	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	104	346	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	10.4	34.6	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	104	346	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	104	346	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	10.4	34.6	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	104	346	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	104	346	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	104	346	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	139	346	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	104	346	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	104	346	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	104	346	ug/kg	0.0332	1					
Acenaphthene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Acenaphthylene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Acetophenone	U	ND	104	346	ug/kg	0.0332	1					
Anthracene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Atrazine	U	ND	139	346	ug/kg	0.0332	1					
Benzaldehyde	U	ND	104	346	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	10.4	34.6	ug/kg	0.0332	1					
Carbazole	U	ND	10.4	34.6	ug/kg	0.0332	1					
Chrysene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	10.4	34.6	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	10.4	34.6	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Dibenzofuran	U	ND	104	346	ug/kg	0.0332	1					
Diethylphthalate	U	ND	10.4	34.6	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	10.4	34.6	ug/kg	0.0332	1					
Diphenylamine	U	ND	104	346	ug/kg	0.0332	1					
Fluoranthene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Fluorene	U	ND	10.4	34.6	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-1.0-DP
Sample ID: 769001014
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	104	346	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	104	346	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	104	346	ug/kg	0.0332	1					
Hexachloroethane	U	ND	104	346	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Isophorone	U	ND	104	346	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	104	346	ug/kg	0.0332	1					
Naphthalene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Nitrobenzene	U	ND	104	346	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	104	346	ug/kg	0.0332	1					
Phenanthrene	U	ND	10.4	34.6	ug/kg	0.0332	1					
Phenol	U	ND	104	346	ug/kg	0.0332	1					
Pyrene	U	ND	10.4	34.6	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	104	346	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	104	346	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	104	346	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.4	34.6	ug/kg	0.0332	1					
m,p-Cresols	U	ND	104	346	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	104	346	ug/kg	0.0332	1					
o-Cresol	U	ND	104	346	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	114	346	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	104	346	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.126	0.124	0.311	mg/kg	29.8	1	BR2	03/31/26	1330	2968525	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1633	2968524
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-14-1.0-DP	Project:	RVDE00226C
Sample ID:	769001014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1240 ug/kg	1730	72	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1220 ug/kg	1730	71	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1400 ug/kg	1730	81	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2780 ug/kg	3460	80	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2710 ug/kg	3460	78	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2650 ug/kg	3460	76	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-14-3.0	Project:	RVDE00226C
Sample ID:	769001015	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	18-MAR-26 12:35		
Receive Date:	18-MAR-26		
Collector:	Client		
Moisture:	4.26%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	7.19	21.5	ug/kg	103	1	PB1	03/25/26	1215	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2430000	6550	19300	ug/kg	92.3	1	EM2	03/27/26	1316	2964231	2
Antimony	U	ND	318	1930	ug/kg	92.3	1					
Arsenic	J	700	482	2890	ug/kg	92.3	1					
Barium		5420	96.4	482	ug/kg	92.3	1					
Beryllium	U	ND	96.4	482	ug/kg	92.3	1					
Cadmium	U	ND	96.4	482	ug/kg	92.3	1					
Calcium		424000	7710	24100	ug/kg	92.3	1					
Chromium		3540	145	964	ug/kg	92.3	1					
Cobalt	J	180	145	482	ug/kg	92.3	1					
Copper	J	372	289	1930	ug/kg	92.3	1					
Iron		2030000	7710	24100	ug/kg	92.3	1					
Lead		2980	318	1930	ug/kg	92.3	1					
Magnesium		69000	8190	28900	ug/kg	92.3	1					
Manganese		3390	193	964	ug/kg	92.3	1					
Nickel		511	145	482	ug/kg	92.3	1					
Potassium		147000	6170	24100	ug/kg	92.3	1					
Selenium	U	ND	482	2890	ug/kg	92.3	1					
Silver	U	ND	96.4	482	ug/kg	92.3	1					
Sodium		52500	6750	24100	ug/kg	92.3	1					
Thallium	U	ND	482	1930	ug/kg	92.3	1					
Vanadium		6170	96.4	482	ug/kg	92.3	1					
Zinc	J	1350	385	1930	ug/kg	92.3	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	103	345	ug/kg	0.0330	1	BM1	03/20/26	1918	2964568	3
1,2,4,5-Tetrachlorobenzene	U	ND	103	345	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	103	345	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	103	345	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	103	345	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	103	345	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	103	345	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	103	689	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-14-3.0	Project:	RVDE00226C
Sample ID:	769001015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	103	345	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	103	345	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	10.3	34.5	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	103	345	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	103	345	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	10.3	34.5	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	103	345	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	103	345	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	103	345	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	138	345	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	103	345	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	103	345	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	103	345	ug/kg	0.0330	1					
Acenaphthene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Acenaphthylene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Acetophenone	U	ND	103	345	ug/kg	0.0330	1					
Anthracene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Atrazine	U	ND	138	345	ug/kg	0.0330	1					
Benzaldehyde	U	ND	103	345	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	10.3	34.5	ug/kg	0.0330	1					
Carbazole	U	ND	10.3	34.5	ug/kg	0.0330	1					
Chrysene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	10.3	34.5	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	10.3	34.5	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Dibenzofuran	U	ND	103	345	ug/kg	0.0330	1					
Diethylphthalate	U	ND	10.3	34.5	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	10.3	34.5	ug/kg	0.0330	1					
Diphenylamine	U	ND	103	345	ug/kg	0.0330	1					
Fluoranthene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Fluorene	U	ND	10.3	34.5	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-3.0 Project: RVDE00226C
Sample ID: 769001015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	103	345	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	103	345	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	103	345	ug/kg	0.0330	1					
Hexachloroethane	U	ND	103	345	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Isophorone	U	ND	103	345	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	103	345	ug/kg	0.0330	1					
Naphthalene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Nitrobenzene	U	ND	103	345	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	103	345	ug/kg	0.0330	1					
Phenanthrene	U	ND	10.3	34.5	ug/kg	0.0330	1					
Phenol	U	ND	103	345	ug/kg	0.0330	1					
Pyrene	U	ND	10.3	34.5	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	103	345	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	103	345	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	103	345	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.3	34.5	ug/kg	0.0330	1					
m,p-Cresols	U	ND	103	345	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	103	345	ug/kg	0.0330	1					
o-Cresol	U	ND	103	345	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	114	345	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	103	345	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.112	0.279	mg/kg	26.8	1	BR2	04/01/26	1305	2969515	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.329	0.987	ug/kg	0.945	1	PXY1	03/31/26	1600	2970065	5
1,1,2,2-Tetrachloroethane	U	ND	0.329	0.987	ug/kg	0.945	1					
1,1,2-Trichloroethane	U	ND	0.329	0.987	ug/kg	0.945	1					
1,1-Dichloroethane	U	ND	0.329	0.987	ug/kg	0.945	1					
1,1-Dichloroethylene	U	ND	0.329	0.987	ug/kg	0.945	1					
1,2,3-Trichlorobenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
1,2,4-Trichlorobenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
1,2-Dibromo-3-chloropropane	U	ND	0.494	0.987	ug/kg	0.945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-3.0 Project: RVDE00226C
Sample ID: 769001015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.329	0.987	ug/kg	0.945	1					
1,2-Dichlorobenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
1,2-Dichloroethane	U	ND	0.329	0.987	ug/kg	0.945	1					
1,2-Dichloropropane	U	ND	0.329	0.987	ug/kg	0.945	1					
1,3-Dichlorobenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
1,4-Dichlorobenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
1,4-Dioxane	U	ND	16.5	49.4	ug/kg	0.945	1					
2-Butanone	U	ND	1.65	4.94	ug/kg	0.945	1					
2-Hexanone	U	ND	1.65	4.94	ug/kg	0.945	1					
4-Methyl-2-pentanone	U	ND	1.65	4.94	ug/kg	0.945	1					
Acetone	U	ND	1.65	4.94	ug/kg	0.945	1					
Benzene	U	ND	0.329	0.987	ug/kg	0.945	1					
Bromochloromethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Bromodichloromethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Bromoform	U	ND	0.329	0.987	ug/kg	0.945	1					
Bromomethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Carbon disulfide	U	ND	1.65	4.94	ug/kg	0.945	1					
Carbon tetrachloride	U	ND	0.329	0.987	ug/kg	0.945	1					
Chlorobenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
Chloroethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Chloroform	U	ND	0.329	0.987	ug/kg	0.945	1					
Chloromethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Cyclohexane	U	ND	0.329	0.987	ug/kg	0.945	1					
Dibromochloromethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Dichlorodifluoromethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Ethylbenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
Isopropylbenzene	U	ND	0.329	0.987	ug/kg	0.945	1					
Methyl acetate	U	ND	1.65	4.94	ug/kg	0.945	1					
Methylcyclohexane	U	ND	0.329	0.987	ug/kg	0.945	1					
Methylene chloride	U	ND	1.65	4.94	ug/kg	0.945	1					
Styrene	U	ND	0.329	0.987	ug/kg	0.945	1					
Tetrachloroethylene	U	ND	0.329	0.987	ug/kg	0.945	1					
Toluene	U	ND	0.329	0.987	ug/kg	0.945	1					
Trichloroethylene	U	ND	0.329	0.987	ug/kg	0.945	1					
Trichlorofluoromethane	U	ND	0.329	0.987	ug/kg	0.945	1					
Trichlorotrifluoroethane	U	ND	1.65	4.94	ug/kg	0.945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-3.0 Project: RVDE00226C
Sample ID: 769001015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.329	0.987	ug/kg	0.945	1					
cis-1,2-Dichloroethylene	U	ND	0.329	0.987	ug/kg	0.945	1					
cis-1,3-Dichloropropylene	U	ND	0.329	0.987	ug/kg	0.945	1					
m,p-Xylenes	U	ND	0.659	1.97	ug/kg	0.945	1					
o-Xylene	U	ND	0.329	0.987	ug/kg	0.945	1					
tert-Butyl methyl ether	U	ND	0.329	0.987	ug/kg	0.945	1					
trans-1,2-Dichloroethylene	U	ND	0.329	0.987	ug/kg	0.945	1					
trans-1,3-Dichloropropylene	U	ND	0.329	0.987	ug/kg	0.945	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 5035	5035 Prep	PXY1	03/18/26	1235	2970064
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1621	2969514
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1120 ug/kg	1720	65	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1130 ug/kg	1720	65	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1220 ug/kg	1720	71	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2510 ug/kg	3450	73	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2500 ug/kg	3450	72	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2390 ug/kg	3450	69	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	45.0 ug/kg	50.0	91	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	45.2 ug/kg	50.0	92	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	46.1 ug/kg	50.0	93	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-14-3.0	Project:	RVDE00226C
Sample ID:	769001015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-3.0-DP
Sample ID: 769001016
Matrix: Soil
Collect Date: 18-MAR-26 12:37
Receive Date: 18-MAR-26
Collector: Client
Moisture: 3.31%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	7.87	23.5	ug/kg	114	1	PB1	03/25/26	1217	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2300000	6570	19300	ug/kg	93.5	1	EM2	03/25/26	1725	2964231	2
Antimony	U	ND	319	1930	ug/kg	93.5	1					
Arsenic	J	847	483	2900	ug/kg	93.5	1					
Barium		5570	96.7	483	ug/kg	93.5	1					
Beryllium	U	ND	96.7	483	ug/kg	93.5	1					
Cadmium	U	ND	96.7	483	ug/kg	93.5	1					
Calcium		442000	7730	24200	ug/kg	93.5	1					
Chromium		3710	145	967	ug/kg	93.5	1					
Cobalt	J	170	145	483	ug/kg	93.5	1					
Copper	J	793	290	1930	ug/kg	93.5	1					
Iron		2450000	7730	24200	ug/kg	93.5	1					
Lead		3210	319	1930	ug/kg	93.5	1					
Magnesium		65300	8220	29000	ug/kg	93.5	1					
Manganese		4090	193	967	ug/kg	93.5	1					
Nickel		489	145	483	ug/kg	93.5	1					
Selenium	U	ND	483	2900	ug/kg	93.5	1					
Silver	U	ND	96.7	483	ug/kg	93.5	1					
Sodium		48100	6770	24200	ug/kg	93.5	1					
Thallium	U	ND	483	1930	ug/kg	93.5	1					
Vanadium		6670	96.7	483	ug/kg	93.5	1					
Zinc		1950	387	1930	ug/kg	93.5	1					
Potassium		173000	6190	24200	ug/kg	93.5	1	EM2	03/27/26	1318	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	103	342	ug/kg	0.0331	1	BM1	03/20/26	1939	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	103	342	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	103	342	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	103	342	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	103	342	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	103	342	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	103	342	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	103	684	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-3.0-DP
Sample ID: 769001016
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	103	342	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	103	342	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	10.3	34.2	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	103	342	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	103	342	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	10.3	34.2	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	103	342	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	103	342	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	103	342	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	137	342	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	103	342	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	103	342	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	103	342	ug/kg	0.0331	1					
Acenaphthene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Acenaphthylene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Acetophenone	U	ND	103	342	ug/kg	0.0331	1					
Anthracene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Atrazine	U	ND	137	342	ug/kg	0.0331	1					
Benzaldehyde	U	ND	103	342	ug/kg	0.0331	1					
Benzo(a)anthracene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Benzo(a)pyrene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Benzo(b)fluoranthene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Benzo(ghi)perylene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	10.3	34.2	ug/kg	0.0331	1					
Carbazole	U	ND	10.3	34.2	ug/kg	0.0331	1					
Chrysene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	10.3	34.2	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	10.3	34.2	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Dibenzofuran	U	ND	103	342	ug/kg	0.0331	1					
Diethylphthalate	U	ND	10.3	34.2	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	10.3	34.2	ug/kg	0.0331	1					
Diphenylamine	U	ND	103	342	ug/kg	0.0331	1					
Fluoranthene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Fluorene	U	ND	10.3	34.2	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-3.0-DP
Sample ID: 769001016
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	103	342	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	103	342	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	103	342	ug/kg	0.0331	1					
Hexachloroethane	U	ND	103	342	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Isophorone	U	ND	103	342	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	103	342	ug/kg	0.0331	1					
Naphthalene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Nitrobenzene	U	ND	103	342	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	103	342	ug/kg	0.0331	1					
Phenanthrene	U	ND	10.3	34.2	ug/kg	0.0331	1					
Phenol	U	ND	103	342	ug/kg	0.0331	1					
Pyrene	U	ND	10.3	34.2	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	103	342	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	103	342	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	103	342	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.3	34.2	ug/kg	0.0331	1					
m,p-Cresols	U	ND	103	342	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	103	342	ug/kg	0.0331	1					
o-Cresol	U	ND	103	342	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	113	342	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	103	342	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.121	0.301	mg/kg	29.2	1	BR2	04/01/26	1305	2969515	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.313	0.940	ug/kg	0.909	1	PXY1	03/31/26	1628	2970065	6
1,1,2,2-Tetrachloroethane	U	ND	0.313	0.940	ug/kg	0.909	1					
1,1,2-Trichloroethane	U	ND	0.313	0.940	ug/kg	0.909	1					
1,1-Dichloroethane	U	ND	0.313	0.940	ug/kg	0.909	1					
1,1-Dichloroethylene	U	ND	0.313	0.940	ug/kg	0.909	1					
1,2,3-Trichlorobenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
1,2,4-Trichlorobenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
1,2-Dibromo-3-chloropropane	U	ND	0.470	0.940	ug/kg	0.909	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-14-3.0-DP	Project:	RVDE00226C
Sample ID:	769001016	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.313	0.940	ug/kg	0.909	1					
1,2-Dichlorobenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
1,2-Dichloroethane	U	ND	0.313	0.940	ug/kg	0.909	1					
1,2-Dichloropropane	U	ND	0.313	0.940	ug/kg	0.909	1					
1,3-Dichlorobenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
1,4-Dichlorobenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
1,4-Dioxane	U	ND	15.7	47.0	ug/kg	0.909	1					
2-Butanone	U	ND	1.57	4.70	ug/kg	0.909	1					
2-Hexanone	U	ND	1.57	4.70	ug/kg	0.909	1					
4-Methyl-2-pentanone	U	ND	1.57	4.70	ug/kg	0.909	1					
Acetone	U	ND	1.57	4.70	ug/kg	0.909	1					
Benzene	U	ND	0.313	0.940	ug/kg	0.909	1					
Bromochloromethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Bromodichloromethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Bromoform	U	ND	0.313	0.940	ug/kg	0.909	1					
Bromomethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Carbon disulfide	U	ND	1.57	4.70	ug/kg	0.909	1					
Carbon tetrachloride	U	ND	0.313	0.940	ug/kg	0.909	1					
Chlorobenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
Chloroethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Chloroform	U	ND	0.313	0.940	ug/kg	0.909	1					
Chloromethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Cyclohexane	U	ND	0.313	0.940	ug/kg	0.909	1					
Dibromochloromethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Dichlorodifluoromethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Ethylbenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
Isopropylbenzene	U	ND	0.313	0.940	ug/kg	0.909	1					
Methyl acetate	U	ND	1.57	4.70	ug/kg	0.909	1					
Methylcyclohexane	U	ND	0.313	0.940	ug/kg	0.909	1					
Methylene chloride	U	ND	1.57	4.70	ug/kg	0.909	1					
Styrene	U	ND	0.313	0.940	ug/kg	0.909	1					
Tetrachloroethylene	U	ND	0.313	0.940	ug/kg	0.909	1					
Toluene	U	ND	0.313	0.940	ug/kg	0.909	1					
Trichloroethylene	U	ND	0.313	0.940	ug/kg	0.909	1					
Trichlorofluoromethane	U	ND	0.313	0.940	ug/kg	0.909	1					
Trichlorotrifluoroethane	U	ND	1.57	4.70	ug/kg	0.909	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-14-3.0-DP
Sample ID: 769001016
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.313	0.940	ug/kg	0.909	1					
cis-1,2-Dichloroethylene	U	ND	0.313	0.940	ug/kg	0.909	1					
cis-1,3-Dichloropropylene	U	ND	0.313	0.940	ug/kg	0.909	1					
m,p-Xylenes	U	ND	0.627	1.88	ug/kg	0.909	1					
o-Xylene	U	ND	0.313	0.940	ug/kg	0.909	1					
tert-Butyl methyl ether	U	ND	0.313	0.940	ug/kg	0.909	1					
trans-1,2-Dichloroethylene	U	ND	0.313	0.940	ug/kg	0.909	1					
trans-1,3-Dichloropropylene	U	ND	0.313	0.940	ug/kg	0.909	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	PXY1	03/18/26	1237	2970064
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1621	2969514

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1250 ug/kg	1710	73	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	1710	74	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1370 ug/kg	1710	80	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2140 ug/kg	3420	63	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2660 ug/kg	3420	78	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2460 ug/kg	3420	72	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.3 ug/kg	50.0	90	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	43.6 ug/kg	50.0	93	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-14-3.0-DP	Project:	RVDE00226C
Sample ID:	769001016	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		42.7	ug/kg	50.0		91		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-02-2.0
Sample ID: 769001017
Matrix: Soil
Collect Date: 18-MAR-26 14:10
Receive Date: 18-MAR-26
Collector: Client
Moisture: 12.5%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		127	7.84	23.4	ug/kg	102	1	PB1	03/25/26	1219	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4250000	66900	197000	ug/kg	86.1	10	EM2	03/25/26	1727	2964231	2
Antimony	J	6500	3250	19700	ug/kg	86.1	10					
Arsenic	J	10400	4920	29500	ug/kg	86.1	10					
Barium		63500	984	4920	ug/kg	86.1	10					
Beryllium	U	ND	984	4920	ug/kg	86.1	10					
Cadmium	J	996	984	4920	ug/kg	86.1	10					
Calcium		4990000	78700	246000	ug/kg	86.1	10					
Chromium		23400	1480	9840	ug/kg	86.1	10					
Cobalt	J	3570	1480	4920	ug/kg	86.1	10					
Copper		45800	2950	19700	ug/kg	86.1	10					
Iron		58200000	78700	246000	ug/kg	86.1	10					
Lead		88000	3250	19700	ug/kg	86.1	10					
Magnesium		536000	83600	295000	ug/kg	86.1	10					
Manganese		377000	1970	9840	ug/kg	86.1	10					
Nickel		13000	1480	4920	ug/kg	86.1	10					
Selenium	U	ND	4920	29500	ug/kg	86.1	10					
Silver	U	ND	984	4920	ug/kg	86.1	10					
Sodium	U	ND	68900	246000	ug/kg	86.1	10					
Thallium	U	ND	4920	19700	ug/kg	86.1	10					
Vanadium		20400	984	4920	ug/kg	86.1	10					
Zinc		122000	3940	19700	ug/kg	86.1	10					
Potassium	J	231000	63000	246000	ug/kg	86.1	10	EM2	03/27/26	1325	2964231	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	114	379	ug/kg	0.0331	1	BM1	03/20/26	1959	2964568	4
1,2,4,5-Tetrachlorobenzene	U	ND	114	379	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	114	379	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	114	379	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	114	379	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	114	379	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	114	379	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	114	758	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-02-2.0 Project: RVDE00226C
Sample ID: 769001017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	114	379	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	114	379	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.4	37.9	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	114	379	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	114	379	ug/kg	0.0331	1					
2-Methylnaphthalene	J	14.8	11.4	37.9	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	114	379	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	114	379	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	114	379	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	152	379	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	114	379	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	114	379	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	114	379	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.4	37.9	ug/kg	0.0331	1					
Acenaphthylene		39.0	11.4	37.9	ug/kg	0.0331	1					
Acetophenone	U	ND	114	379	ug/kg	0.0331	1					
Anthracene		39.8	11.4	37.9	ug/kg	0.0331	1					
Atrazine	U	ND	152	379	ug/kg	0.0331	1					
Benzaldehyde	U	ND	114	379	ug/kg	0.0331	1					
Benzo(a)anthracene		126	11.4	37.9	ug/kg	0.0331	1					
Benzo(a)pyrene		136	11.4	37.9	ug/kg	0.0331	1					
Benzo(b)fluoranthene		216	11.4	37.9	ug/kg	0.0331	1					
Benzo(ghi)perylene		107	11.4	37.9	ug/kg	0.0331	1					
Benzo(k)fluoranthene		65.5	11.4	37.9	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.4	37.9	ug/kg	0.0331	1					
Carbazole	J	17.8	11.4	37.9	ug/kg	0.0331	1					
Chrysene		138	11.4	37.9	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.4	37.9	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.4	37.9	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	23.9	11.4	37.9	ug/kg	0.0331	1					
Dibenzofuran	U	ND	114	379	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.4	37.9	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.4	37.9	ug/kg	0.0331	1					
Diphenylamine	U	ND	114	379	ug/kg	0.0331	1					
Fluoranthene		256	11.4	37.9	ug/kg	0.0331	1					
Fluorene	J	15.2	11.4	37.9	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-02-2.0 Project: RVDE00226C
Sample ID: 769001017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	114	379	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	114	379	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	114	379	ug/kg	0.0331	1					
Hexachloroethane	U	ND	114	379	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		123	11.4	37.9	ug/kg	0.0331	1					
Isophorone	U	ND	114	379	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	114	379	ug/kg	0.0331	1					
Naphthalene	J	20.1	11.4	37.9	ug/kg	0.0331	1					
Nitrobenzene	U	ND	114	379	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	114	379	ug/kg	0.0331	1					
Phenanthrene		95.8	11.4	37.9	ug/kg	0.0331	1					
Phenol	U	ND	114	379	ug/kg	0.0331	1					
Pyrene		223	11.4	37.9	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	114	379	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	114	379	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	114	379	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		43.2	11.4	37.9	ug/kg	0.0331	1					
m,p-Cresols	U	ND	114	379	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	114	379	ug/kg	0.0331	1					
o-Cresol	U	ND	114	379	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	125	379	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	114	379	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.139	0.346	mg/kg	30.3	1	BR2	04/01/26	1305	2969515	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1621	2969514
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-02-2.0	Project:	RVDE00226C
Sample ID:	769001017	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1400 ug/kg	1890	74	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1430 ug/kg	1890	76	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1530 ug/kg	1890	81	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3260 ug/kg	3790	86	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3120 ug/kg	3790	82	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2980 ug/kg	3790	79	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-02-4.0
Sample ID: 769001018
Matrix: Soil
Collect Date: 18-MAR-26 14:15
Receive Date: 18-MAR-26
Collector: Client
Moisture: 13.7%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	17.6	8.38	25.0	ug/kg	108	1	PB1	03/25/26	1220	2966349	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		9050000	7740	22800	ug/kg	98.2	1	EM2	03/27/26	1327	2964231	2
Antimony	U	ND	376	2280	ug/kg	98.2	1					
Arsenic		3950	569	3410	ug/kg	98.2	1					
Barium		7780	114	569	ug/kg	98.2	1					
Beryllium	U	ND	114	569	ug/kg	98.2	1					
Cadmium	U	ND	114	569	ug/kg	98.2	1					
Calcium		1060000	9100	28400	ug/kg	98.2	1					
Chromium		14100	171	1140	ug/kg	98.2	1					
Cobalt		643	171	569	ug/kg	98.2	1					
Copper	J	2010	341	2280	ug/kg	98.2	1					
Iron		11700000	9100	28400	ug/kg	98.2	1					
Lead		5170	376	2280	ug/kg	98.2	1					
Magnesium		312000	9670	34100	ug/kg	98.2	1					
Manganese		7190	228	1140	ug/kg	98.2	1					
Nickel		2090	171	569	ug/kg	98.2	1					
Potassium		289000	7280	28400	ug/kg	98.2	1					
Selenium	U	ND	569	3410	ug/kg	98.2	1					
Silver	U	ND	114	569	ug/kg	98.2	1					
Sodium		53800	7970	28400	ug/kg	98.2	1					
Thallium	U	ND	569	2280	ug/kg	98.2	1					
Vanadium		23000	114	569	ug/kg	98.2	1					
Zinc		5830	455	2280	ug/kg	98.2	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	115	384	ug/kg	0.0331	1	BM1	03/20/26	2019	2964568	3
1,2,4,5-Tetrachlorobenzene	U	ND	115	384	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	115	384	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	115	384	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	115	384	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	115	384	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	115	384	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	115	768	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-02-4.0 Project: RVDE00226C
Sample ID: 769001018 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	115	384	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	115	384	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.5	38.4	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	115	384	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	115	384	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	11.5	38.4	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	115	384	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	115	384	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	115	384	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	154	384	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	115	384	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	115	384	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	115	384	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Acenaphthylene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Acetophenone	U	ND	115	384	ug/kg	0.0331	1					
Anthracene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Atrazine	U	ND	154	384	ug/kg	0.0331	1					
Benzaldehyde	U	ND	115	384	ug/kg	0.0331	1					
Benzo(a)anthracene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Benzo(a)pyrene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Benzo(b)fluoranthene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Benzo(ghi)perylene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.5	38.4	ug/kg	0.0331	1					
Carbazole	U	ND	11.5	38.4	ug/kg	0.0331	1					
Chrysene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.5	38.4	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.5	38.4	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Dibenzofuran	U	ND	115	384	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.5	38.4	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.5	38.4	ug/kg	0.0331	1					
Diphenylamine	U	ND	115	384	ug/kg	0.0331	1					
Fluoranthene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Fluorene	U	ND	11.5	38.4	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-02-4.0 Project: RVDE00226C
Sample ID: 769001018 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	115	384	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	115	384	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	115	384	ug/kg	0.0331	1					
Hexachloroethane	U	ND	115	384	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Isophorone	U	ND	115	384	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	115	384	ug/kg	0.0331	1					
Naphthalene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Nitrobenzene	U	ND	115	384	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	115	384	ug/kg	0.0331	1					
Phenanthrene	U	ND	11.5	38.4	ug/kg	0.0331	1					
Phenol	U	ND	115	384	ug/kg	0.0331	1					
Pyrene	U	ND	11.5	38.4	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	115	384	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	115	384	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	115	384	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.5	38.4	ug/kg	0.0331	1					
m,p-Cresols	U	ND	115	384	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	115	384	ug/kg	0.0331	1					
o-Cresol	U	ND	115	384	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	127	384	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	115	384	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.503	0.168	0.420	mg/kg	36.3	1	BR2	04/01/26	1305	2969515	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.310	0.930	ug/kg	0.803	1	PXY1	03/31/26	1656	2970065	5
1,1,2,2-Tetrachloroethane	U	ND	0.310	0.930	ug/kg	0.803	1					
1,1,2-Trichloroethane	U	ND	0.310	0.930	ug/kg	0.803	1					
1,1-Dichloroethane	U	ND	0.310	0.930	ug/kg	0.803	1					
1,1-Dichloroethylene	U	ND	0.310	0.930	ug/kg	0.803	1					
1,2,3-Trichlorobenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
1,2,4-Trichlorobenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
1,2-Dibromo-3-chloropropane	U	ND	0.465	0.930	ug/kg	0.803	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-02-4.0	Project:	RVDE00226C
Sample ID:	769001018	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.310	0.930	ug/kg	0.803	1					
1,2-Dichlorobenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
1,2-Dichloroethane	U	ND	0.310	0.930	ug/kg	0.803	1					
1,2-Dichloropropane	U	ND	0.310	0.930	ug/kg	0.803	1					
1,3-Dichlorobenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
1,4-Dichlorobenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
1,4-Dioxane	U	ND	15.5	46.5	ug/kg	0.803	1					
2-Butanone	U	ND	1.55	4.65	ug/kg	0.803	1					
2-Hexanone	U	ND	1.55	4.65	ug/kg	0.803	1					
4-Methyl-2-pentanone	U	ND	1.55	4.65	ug/kg	0.803	1					
Acetone	U	ND	1.55	4.65	ug/kg	0.803	1					
Benzene	U	ND	0.310	0.930	ug/kg	0.803	1					
Bromochloromethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Bromodichloromethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Bromoform	U	ND	0.310	0.930	ug/kg	0.803	1					
Bromomethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Carbon disulfide	U	ND	1.55	4.65	ug/kg	0.803	1					
Carbon tetrachloride	U	ND	0.310	0.930	ug/kg	0.803	1					
Chlorobenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
Chloroethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Chloroform	U	ND	0.310	0.930	ug/kg	0.803	1					
Chloromethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Cyclohexane	U	ND	0.310	0.930	ug/kg	0.803	1					
Dibromochloromethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Dichlorodifluoromethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Ethylbenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
Isopropylbenzene	U	ND	0.310	0.930	ug/kg	0.803	1					
Methyl acetate	U	ND	1.55	4.65	ug/kg	0.803	1					
Methylcyclohexane	U	ND	0.310	0.930	ug/kg	0.803	1					
Methylene chloride	U	ND	1.55	4.65	ug/kg	0.803	1					
Styrene	U	ND	0.310	0.930	ug/kg	0.803	1					
Tetrachloroethylene	U	ND	0.310	0.930	ug/kg	0.803	1					
Toluene	U	ND	0.310	0.930	ug/kg	0.803	1					
Trichloroethylene	U	ND	0.310	0.930	ug/kg	0.803	1					
Trichlorofluoromethane	U	ND	0.310	0.930	ug/kg	0.803	1					
Trichlorotrifluoroethane	U	ND	1.55	4.65	ug/kg	0.803	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-02-4.0 Project: RVDE00226C
Sample ID: 769001018 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.310	0.930	ug/kg	0.803	1					
cis-1,2-Dichloroethylene	U	ND	0.310	0.930	ug/kg	0.803	1					
cis-1,3-Dichloropropylene	U	ND	0.310	0.930	ug/kg	0.803	1					
m,p-Xylenes	U	ND	0.620	1.86	ug/kg	0.803	1					
o-Xylene	U	ND	0.310	0.930	ug/kg	0.803	1					
tert-Butyl methyl ether	U	ND	0.310	0.930	ug/kg	0.803	1					
trans-1,2-Dichloroethylene	U	ND	0.310	0.930	ug/kg	0.803	1					
trans-1,3-Dichloropropylene	U	ND	0.310	0.930	ug/kg	0.803	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	PXY1	03/18/26	1415	2970064
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/30/26	1621	2969514
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 3050B	SW846 3050B Prep	CJ3	03/19/26	1700	2964230
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/24/26	1730	2966346

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1490 ug/kg	1920	78	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1460 ug/kg	1920	76	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1640 ug/kg	1920	85	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3270 ug/kg	3840	85	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3200 ug/kg	3840	83	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3120 ug/kg	3840	81	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.4 ug/kg	50.0	91	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	48.1 ug/kg	50.0	103	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	42.5 ug/kg	50.0	91	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-02-4.0	Project:	RVDE00226C
Sample ID:	769001018	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: June 25, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Flow Injection Analysis												
Batch 2965895												
QC1206415437 769063005 DUP												
Cyanide, Total		U	ND	U	ND	ug/kg	N/A			CH9	03/31/26	15:57
QC1206415434 LCS												
Cyanide, Total	109000				125000	ug/kg		114	(50%-157%)		03/31/26	15:37
QC1206415433 MB												
Cyanide, Total				U	ND	ug/kg					03/31/26	15:36
QC1206415438 769063005 MS												
Cyanide, Total	5340	U	ND		5600	ug/kg		105	(46%-125%)		03/31/26	15:58
Metals Analysis-ICP												
Batch 2964231												
QC1206412119 LCS												
Aluminum	460000				452000	ug/kg		98.3	(80%-120%)	EM2	03/25/26	16:24
Antimony	46000				46700	ug/kg		102	(80%-120%)			
Arsenic	46000				48500	ug/kg		106	(80%-120%)			
Barium	46000				47200	ug/kg		103	(80%-120%)			
Beryllium	46000				48400	ug/kg		105	(80%-120%)			
Cadmium	46000				47600	ug/kg		104	(80%-120%)			

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2964231										
Calcium	460000			466000	ug/kg		101	(80%-120%)	EM2	03/25/26 16:24
Chromium	46000			47200	ug/kg		103	(80%-120%)		
Cobalt	46000			46600	ug/kg		101	(80%-120%)		
Copper	46000			47200	ug/kg		103	(80%-120%)		
Iron	460000			463000	ug/kg		101	(80%-120%)		
Lead	46000			47700	ug/kg		104	(80%-120%)		
Magnesium	460000			471000	ug/kg		102	(80%-120%)		
Manganese	46000			46700	ug/kg		102	(80%-120%)		
Nickel	46000			47000	ug/kg		102	(80%-120%)		
Potassium	460000			445000	ug/kg		96.8	(80%-120%)		03/27/26 11:58
Selenium	46000			47500	ug/kg		103	(80%-120%)		03/25/26 16:24
Silver	9190			9420	ug/kg		102	(80%-120%)		
Sodium	460000			457000	ug/kg		99.5	(80%-120%)		
Thallium	46000			48100	ug/kg		105	(80%-120%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2964231										
Vanadium	46000			46200	ug/kg		100	(80%-120%)	EM2	03/25/26 16:24
Zinc	46000			46900	ug/kg		102	(80%-120%)		
QC1206412118 MB										
Aluminum			U	ND	ug/kg					03/25/26 16:21
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					
Beryllium			U	ND	ug/kg					
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2964231										
Magnesium			U	ND	ug/kg				EM2	03/25/26 16:21
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					03/27/26 11:55
Selenium			U	ND	ug/kg					03/25/26 16:21
Silver			U	ND	ug/kg					
Sodium			U	ND	ug/kg					
Thallium			U	ND	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			J	452	ug/kg					
QC1206412120 769001002 MS										
Aluminum	497000	6350000		8970000	ug/kg		N/A	(75%-125%)		03/25/26 16:29
Antimony	49700	J 495		52900	ug/kg		105	(75%-125%)		
Arsenic	49700	3100		56900	ug/kg		108	(75%-125%)		
Barium	49700	17900		71100	ug/kg		107	(75%-125%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2964231												
Beryllium	49700	J	148		55600	ug/kg		112	(75%-125%)	EM2	03/25/26	16:29
Cadmium	49700		594		53600	ug/kg		107	(75%-125%)			
Calcium	497000		1920000		2400000	ug/kg		97.6	(75%-125%)			
Chromium	49700		36200		75000	ug/kg		77.9	(75%-125%)			
Cobalt	49700		4120		56000	ug/kg		104	(75%-125%)			
Copper	49700		46800		82500	ug/kg		71.7*	(75%-125%)			
Iron	497000		27900000		18100000	ug/kg		N/A	(75%-125%)			
Lead	49700		19200		65500	ug/kg		93.1	(75%-125%)			
Magnesium	497000		475000		975000	ug/kg		101	(75%-125%)			
Manganese	49700		240000		187000	ug/kg		N/A	(75%-125%)			
Nickel	49700		13200		60800	ug/kg		95.6	(75%-125%)			
Potassium	497000		210000		738000	ug/kg		106	(75%-125%)		03/27/26	12:03
Selenium	49700	J	856		53000	ug/kg		105	(75%-125%)		03/25/26	16:29
Silver	9950	J	170		10900	ug/kg		108	(75%-125%)			

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date	Time
Metals Analysis-ICP														
Batch 2964231														
Sodium	497000		28800		562000	ug/kg			107		(75%-125%)	EM2	03/25/26	16:29
Thallium	49700	U	ND		52000	ug/kg			105		(75%-125%)			
Vanadium	49700		12300		64100	ug/kg			104		(75%-125%)			
Zinc	49700		70800		95900	ug/kg			50.5	*	(75%-125%)			
QC1206412121 769001002 MSD														
Aluminum	538000		6350000		9040000	ug/kg	0.739		N/A		(0%-20%)		03/25/26	16:32
Antimony	53800	J	495		55200	ug/kg	4.3		102		(0%-20%)			
Arsenic	53800		3100		60000	ug/kg	5.34		106		(0%-20%)			
Barium	53800		17900		76800	ug/kg	7.78		110		(0%-20%)			
Beryllium	53800	J	148		57300	ug/kg	2.99		106		(0%-20%)			
Cadmium	53800		594		56100	ug/kg	4.53		103		(0%-20%)			
Calcium	538000		1920000		2390000	ug/kg	0.583		87.7		(0%-20%)			
Chromium	53800		36200		105000	ug/kg	32.9	*	127	*	(0%-20%)			
Cobalt	53800		4120		61100	ug/kg	8.75		106		(0%-20%)			
Copper	53800		46800		134000	ug/kg	47.7	*	162	*	(0%-20%)			

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2964231												
Iron	538000		27900000		42900000	ug/kg	81.3	*	N/A	(0%-20%)	EM2	03/25/26 16:32
Lead	53800		19200		82600	ug/kg	23.1	*	118	(0%-20%)		
Magnesium	538000		475000		1070000	ug/kg	9.59		111	(0%-20%)		
Manganese	53800		240000		417000	ug/kg	76.1	*	N/A	(0%-20%)		
Nickel	53800		13200		74800	ug/kg	20.7	*	115	(0%-20%)		
Potassium	538000		210000		787000	ug/kg	6.39		107	(0%-20%)		03/27/26 12:06
Selenium	53800	J	856		55200	ug/kg	4.12		101	(0%-20%)		03/25/26 16:32
Silver	10800	J	170		11600	ug/kg	5.96		106	(0%-20%)		
Sodium	538000		28800		589000	ug/kg	4.83		104	(0%-20%)		
Thallium	53800	U	ND		52900	ug/kg	1.75		98.4	(0%-20%)		
Vanadium	53800		12300		71100	ug/kg	10.3		109	(0%-20%)		
Zinc	53800		70800		169000	ug/kg	55.2	*	183 *	(0%-20%)		
QC1206412122 769001002 PS												
Chromium	500		362		895	ug/L			107	(75%-125%)		03/25/26 16:34
Copper	500		467		1010	ug/L			109	(75%-125%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2964231												
Zinc	500		707		1210	ug/L		101	(75%-125%)	EM2	03/25/26	16:34
QC1206412123 769001002 SDILT												
Aluminum			63400		10900	ug/L	13.9		(0%-20%)		03/25/26	16:36
Antimony		J	4.94	U	ND	ug/L	N/A		(0%-20%)			
Arsenic			30.9	J	10.7	ug/L	73.8		(0%-20%)			
Barium			179		33.7	ug/L	5.79		(0%-20%)			
Beryllium		J	1.47	U	ND	ug/L	N/A		(0%-20%)			
Cadmium			5.93	J	1.51	ug/L	27.6		(0%-20%)			
Calcium			19100		3280	ug/L	14.4		(0%-20%)			
Chromium			362		66.7	ug/L	7.87		(0%-20%)			
Cobalt			41.2		7.59	ug/L	7.83		(0%-20%)			
Copper			467		83.5	ug/L	10.6		(0%-20%)			
Iron			279000		49900	ug/L	10.6		(0%-20%)			
Lead			192		37.1	ug/L	3.32		(0%-20%)			
Magnesium			4740		835	ug/L	12		(0%-20%)			

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2964231										
Manganese		2400		448	ug/L	6.51		(0%-20%)	EM2	03/25/26 16:36
Nickel		132		25.0	ug/L	4.98		(0%-20%)		
Potassium		2090		494	ug/L	18		(0%-20%)		03/27/26 12:10
Selenium	J	8.54	U	ND	ug/L	N/A		(0%-20%)		03/25/26 16:36
Silver	J	1.69	U	ND	ug/L	N/A		(0%-20%)		
Sodium		287	U	ND	ug/L	N/A		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		123		22.7	ug/L	7.73		(0%-20%)		
Zinc		707		131	ug/L	7.69		(0%-20%)		
Metals Analysis-Mercury										
Batch 2966349										
QC1206416292 769001002 DUP										
Mercury		37.3		26.3	ug/kg	34.8	^	(+/-25.1)	PB1	03/25/26 11:42
QC1206416291 LCS										
Mercury	214			227	ug/kg		106	(80%-120%)		03/25/26 11:39
QC1206416290 MB										
Mercury			U	ND	ug/kg					03/25/26 11:37

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury										
Batch 2966349										
QC1206416293 769001002 MS										
Mercury	274	37.3		316	ug/kg		102	(80%-120%)	PB1	03/25/26 11:48
Semi-Volatile-GC/MS										
Batch 2964568										
QC1206412894 LCS										
1,1'-Biphenyl	1660			1330	ug/kg		80	(47%-110%)	BM1	03/20/26 12:32
1,2,4,5-Tetrachlorobenzene	1660			1310	ug/kg		79	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660			1420	ug/kg		86	(44%-114%)		
2,4,5-Trichlorophenol	1660			1460	ug/kg		88	(50%-121%)		
2,4,6-Trichlorophenol	1660			1480	ug/kg		90	(48%-112%)		
2,4-Dichlorophenol	1660			1440	ug/kg		87	(47%-112%)		
2,4-Dimethylphenol	1660			984	ug/kg		59	(32%-74%)		
2,4-Dinitrophenol	1660			991	ug/kg		60	(22%-89%)		
2,4-Dinitrotoluene	1660			1590	ug/kg		96	(49%-121%)		
2,6-Dinitrotoluene	1660			1490	ug/kg		90	(47%-118%)		
2-Chloronaphthalene	1660			1400	ug/kg		85	(44%-107%)		
2-Chlorophenol	1660			1370	ug/kg		83	(46%-107%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
2-Methyl-4,6-dinitrophenol	1660			1150	ug/kg		70	(21%-106%)	BM1	03/20/26 12:32
2-Methylnaphthalene	1660			1580	ug/kg		95	(47%-109%)		
2-Nitrophenol	1660			1360	ug/kg		82	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1200	ug/kg		73	(39%-100%)		
4-Bromophenylphenylether	1660			1540	ug/kg		93	(50%-120%)		
4-Chloro-3-methylphenol	1660			1500	ug/kg		91	(50%-114%)		
4-Chloroaniline	1660			1210	ug/kg		73	(38%-96%)		
4-Chlorophenylphenylether	1660			1560	ug/kg		94	(50%-118%)		
4-Nitrophenol	1660			1540	ug/kg		93	(46%-120%)		
Acenaphthene	1660			1450	ug/kg		88	(45%-112%)		
Acenaphthylene	1660			1350	ug/kg		82	(43%-106%)		
Acetophenone	1660			1270	ug/kg		76	(35%-100%)		
Anthracene	1660			1530	ug/kg		92	(50%-115%)		
Atrazine	1660			1600	ug/kg		97	(51%-144%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Benzaldehyde	1660		J	208	ug/kg		13*	(21%-89%)	BM1	03/20/26 12:32
Benzo(a)anthracene	1660			1460	ug/kg		88	(51%-117%)		
Benzo(a)pyrene	1660			1420	ug/kg		86	(48%-118%)		
Benzo(b)fluoranthene	1660			1490	ug/kg		90	(51%-121%)		
Benzo(ghi)perylene	1660			1550	ug/kg		94	(51%-125%)		
Benzo(k)fluoranthene	1660			1520	ug/kg		92	(50%-124%)		
Butylbenzylphthalate	1660			1600	ug/kg		97	(51%-133%)		
Carbazole	1660			1560	ug/kg		94	(53%-119%)		
Chrysene	1660			1440	ug/kg		87	(52%-116%)		
Di-n-butylphthalate	1660			1590	ug/kg		96	(54%-126%)		
Di-n-octylphthalate	1660			1490	ug/kg		90	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1380	ug/kg		83	(48%-120%)		
Dibenzofuran	1660			1500	ug/kg		91	(50%-110%)		
Diethylphthalate	1660			1540	ug/kg		93	(52%-123%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Dimethylphthalate	1660			1470	ug/kg		89	(49%-124%)	BM1	03/20/26 12:32
Diphenylamine	1660			1500	ug/kg		90	(51%-115%)		
Fluoranthene	1660			1590	ug/kg		96	(52%-121%)		
Fluorene	1660			1490	ug/kg		90	(50%-116%)		
Hexachlorobenzene	1660			1470	ug/kg		89	(48%-117%)		
Hexachlorobutadiene	1660			1410	ug/kg		85	(40%-105%)		
Hexachlorocyclopentadiene	1660			931	ug/kg		56	(26%-82%)		
Hexachloroethane	1660			1290	ug/kg		78	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1410	ug/kg		85	(47%-123%)		
Isophorone	1660			1410	ug/kg		85	(37%-120%)		
N-Nitrosodipropylamine	1660			1440	ug/kg		87	(46%-113%)		
Naphthalene	1660			1390	ug/kg		84	(44%-105%)		
Nitrobenzene	1660			1420	ug/kg		86	(44%-106%)		
Pentachlorophenol	1660			1520	ug/kg		92	(36%-111%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Phenanthrene	1660			1490	ug/kg		90	(50%-114%)	BM1	03/20/26 12:32
Phenol	1660			1380	ug/kg		84	(46%-107%)		
Pyrene	1660			1610	ug/kg		97	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1380	ug/kg		83	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1440	ug/kg		87	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1360	ug/kg		82	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			1540	ug/kg		93	(50%-134%)		
m,p-Cresols	1660			1380	ug/kg		84	(46%-106%)		
m-Nitroaniline	1660			1340	ug/kg		81	(41%-108%)		
o-Cresol	1660			1350	ug/kg		82	(45%-105%)		
o-Nitroaniline	1660			1480	ug/kg		89	(48%-117%)		
p-Nitroaniline	1660			1520	ug/kg		92	(49%-119%)		
**2,4,6-Tribromophenol	3310			2840	ug/kg		86	(20%-104%)		
**2-Fluorobiphenyl	1660			1250	ug/kg		75	(20%-93%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
**2-Fluorophenol	3310			2530	ug/kg		76	(19%-94%)	BM1	03/20/26 12:32
**Nitrobenzene-d5	1660			1200	ug/kg		72	(19%-90%)		
**Phenol-d5	3310			2580	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1450	ug/kg		87	(24%-107%)		
QC1206412893 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/20/26 12:11
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2964568											
2-Chloronaphthalene			U	ND	ug/kg				BM1	03/20/26	12:11
2-Chlorophenol			U	ND	ug/kg						
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg						
2-Methylnaphthalene			U	ND	ug/kg						
2-Nitrophenol			U	ND	ug/kg						
3,3'-Dichlorobenzidine			U	ND	ug/kg						
4-Bromophenylphenylether			U	ND	ug/kg						
4-Chloro-3-methylphenol			U	ND	ug/kg						
4-Chloroaniline			U	ND	ug/kg						
4-Chlorophenylphenylether			U	ND	ug/kg						
4-Nitrophenol			U	ND	ug/kg						
Acenaphthene			U	ND	ug/kg						
Acenaphthylene			U	ND	ug/kg						
Acetophenone			U	ND	ug/kg						

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Anthracene			U	ND	ug/kg				BM1	03/20/26 12:11
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Dibenzofuran			U	ND	ug/kg				BM1	03/20/26 12:11
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Nitrobenzene			U	ND	ug/kg				BM1	03/20/26 12:11
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
**2,4,6-Tribromophenol	3320				2740	ug/kg		83	(20%-104%)	BM1	03/20/26 12:11
**2-Fluorobiphenyl	1660				1350	ug/kg		81	(20%-93%)		
**2-Fluorophenol	3320				2580	ug/kg		78	(19%-94%)		
**Nitrobenzene-d5	1660				1260	ug/kg		76	(19%-90%)		
**Phenol-d5	3320				2570	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660				1440	ug/kg		87	(24%-107%)		
QC1206412895 769001002 MS											
1,1'-Biphenyl	1880	U	ND		1110	ug/kg		59	(16%-112%)		03/20/26 14:34
1,2,4,5-Tetrachlorobenzene	1880	U	ND		1040	ug/kg		55	(16%-106%)		
2,3,4,6-Tetrachlorophenol	1880	U	ND		1160	ug/kg		61	(15%-114%)		
2,4,5-Trichlorophenol	1880	U	ND		1230	ug/kg		65	(16%-122%)		
2,4,6-Trichlorophenol	1880	U	ND		1280	ug/kg		68	(16%-112%)		
2,4-Dichlorophenol	1880	U	ND		1170	ug/kg		62	(15%-112%)		
2,4-Dimethylphenol	1880	U	ND		820	ug/kg		44	(17%-73%)		
2,4-Dinitrophenol	1880	U	ND	J	734	ug/kg		39	(19%-117%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2964568												
2,4-Dinitrotoluene	1880	U	ND		1290	ug/kg		69	(15%-119%)	BM1	03/20/26	14:34
2,6-Dinitrotoluene	1880	U	ND		1270	ug/kg		67	(14%-119%)			
2-Chloronaphthalene	1880	U	ND		1180	ug/kg		63	(15%-108%)			
2-Chlorophenol	1880	U	ND		1160	ug/kg		62	(17%-104%)			
2-Methyl-4,6-dinitrophenol	1880	U	ND		718	ug/kg		38	(10%-120%)			
2-Methylnaphthalene	1880	U	ND		1290	ug/kg		69	(16%-108%)			
2-Nitrophenol	1880	U	ND		1130	ug/kg		60	(14%-107%)			
3,3'-Dichlorobenzidine	1880	U	ND		597	ug/kg		32	(13%-95%)			
4-Bromophenylphenylether	1880	U	ND		1320	ug/kg		70	(16%-122%)			
4-Chloro-3-methylphenol	1880	U	ND		1230	ug/kg		65	(17%-116%)			
4-Chloroaniline	1880	U	ND		675	ug/kg		36	(16%-91%)			
4-Chlorophenylphenylether	1880	U	ND		1340	ug/kg		71	(16%-120%)			
4-Nitrophenol	1880	U	ND		910	ug/kg		48	(14%-122%)			
Acenaphthene	1880	U	ND		1250	ug/kg		66	(15%-114%)			

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
Acenaphthylene	1880	U	ND		1170	ug/kg		62	(16%-107%)	BM1	03/20/26 14:34
Acetophenone	1880	U	ND		1070	ug/kg		57	(16%-97%)		
Anthracene	1880	U	ND		1340	ug/kg		71	(16%-119%)		
Atrazine	1880	U	ND		1250	ug/kg		66	(12%-144%)		
Benzaldehyde	1880	U	ND		388	ug/kg		21	(12%-103%)		
Benzo(a)anthracene	1880	J	17.3		1300	ug/kg		68	(16%-120%)		
Benzo(a)pyrene	1880	J	16.6		1340	ug/kg		71	(16%-119%)		
Benzo(b)fluoranthene	1880	J	24.9		1430	ug/kg		74	(16%-123%)		
Benzo(ghi)perylene	1880	U	ND		1390	ug/kg		74	(15%-127%)		
Benzo(k)fluoranthene	1880	U	ND		1360	ug/kg		72	(16%-126%)		
Butylbenzylphthalate	1880	U	ND		1480	ug/kg		79	(14%-135%)		
Carbazole	1880	U	ND		1370	ug/kg		73	(16%-123%)		
Chrysene	1880	J	12.4		1230	ug/kg		65	(17%-119%)		
Di-n-butylphthalate	1880	U	ND		1520	ug/kg		81	(16%-129%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
Di-n-octylphthalate	1880	U	ND		1650	ug/kg		88	(16%-134%)	BM1	03/20/26 14:34
Dibenzo(a,h)anthracene	1880	U	ND		1250	ug/kg		66	(16%-120%)		
Dibenzofuran	1880	U	ND		1280	ug/kg		68	(17%-114%)		
Diethylphthalate	1880	U	ND		1370	ug/kg		73	(16%-124%)		
Dimethylphthalate	1880	U	ND		1260	ug/kg		67	(16%-123%)		
Diphenylamine	1880	U	ND		1300	ug/kg		69	(18%-116%)		
Fluoranthene	1880	J	21.9		1430	ug/kg		75	(17%-124%)		
Fluorene	1880	U	ND		1310	ug/kg		69	(16%-119%)		
Hexachlorobenzene	1880	U	ND		1260	ug/kg		67	(18%-117%)		
Hexachlorobutadiene	1880	U	ND		1030	ug/kg		55	(15%-101%)		
Hexachlorocyclopentadiene	1880	U	ND		447	ug/kg		24	(16%-60%)		
Hexachloroethane	1880	U	ND		996	ug/kg		53	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1880	J	13.9		1310	ug/kg		69	(14%-125%)		
Isophorone	1880	U	ND		1270	ug/kg		67	(12%-116%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
N-Nitrosodipropylamine	1880	U	ND		1290	ug/kg		69	(14%-113%)	BM1	03/20/26 14:34
Naphthalene	1880	U	ND		1120	ug/kg		60	(15%-105%)		
Nitrobenzene	1880	U	ND		1190	ug/kg		63	(15%-105%)		
Pentachlorophenol	1880	U	ND		946	ug/kg		50	(11%-115%)		
Phenanthrene	1880	J	11.3		1300	ug/kg		69	(15%-120%)		
Phenol	1880	U	ND		1240	ug/kg		66	(16%-107%)		
Pyrene	1880	J	20.4		1420	ug/kg		74	(15%-127%)		
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		1230	ug/kg		65	(10%-110%)		
bis(2-Chloroethoxy)methane	1880	U	ND		1150	ug/kg		61	(16%-105%)		
bis(2-Chloroethyl) ether	1880	U	ND		1200	ug/kg		64	(14%-106%)		
bis(2-Ethylhexyl)phthalate	1880		42.6		1560	ug/kg		81	(15%-135%)		
m,p-Cresols	1880	U	ND		1220	ug/kg		65	(17%-106%)		
m-Nitroaniline	1880	U	ND		844	ug/kg		45	(15%-103%)		
o-Cresol	1880	U	ND		1200	ug/kg		64	(17%-104%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
o-Nitroaniline	1880	U	ND		1340	ug/kg			71	(16%-116%)	BM1	03/20/26 14:34
p-Nitroaniline	1880	U	ND		1130	ug/kg			60	(12%-118%)		
**2,4,6-Tribromophenol	3760		2940		2790	ug/kg			74	(20%-104%)		
**2-Fluorobiphenyl	1880		1310		1160	ug/kg			62	(20%-93%)		
**2-Fluorophenol	3760		2660		2400	ug/kg			64	(19%-94%)		
**Nitrobenzene-d5	1880		1270		1140	ug/kg			61	(19%-90%)		
**Phenol-d5	3760		2730		2530	ug/kg			67	(20%-99%)		
**p-Terphenyl-d14	1880		1440		1380	ug/kg			73	(24%-107%)		
QC1206412896 769001002 MSD												
1,1'-Biphenyl	1880	U	ND		778	ug/kg	35	*	41	(0%-30%)		03/20/26 14:54
1,2,4,5-Tetrachlorobenzene	1880	U	ND		714	ug/kg	37	*	38	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1880	U	ND		800	ug/kg	36	*	42	(0%-30%)		
2,4,5-Trichlorophenol	1880	U	ND		873	ug/kg	34	*	46	(0%-30%)		
2,4,6-Trichlorophenol	1880	U	ND		885	ug/kg	36	*	47	(0%-30%)		
2,4-Dichlorophenol	1880	U	ND		819	ug/kg	35	*	43	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
2,4-Dimethylphenol	1880	U	ND		592	ug/kg	32	*	31	(0%-30%)	BM1	03/20/26 14:54
2,4-Dinitrophenol	1880	U	ND	J	576	ug/kg	24		31	(0%-30%)		
2,4-Dinitrotoluene	1880	U	ND		861	ug/kg	40	*	46	(0%-30%)		
2,6-Dinitrotoluene	1880	U	ND		854	ug/kg	39	*	45	(0%-30%)		
2-Chloronaphthalene	1880	U	ND		821	ug/kg	36	*	44	(0%-30%)		
2-Chlorophenol	1880	U	ND		840	ug/kg	32	*	45	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1880	U	ND		390	ug/kg	59	*	21	(0%-30%)		
2-Methylnaphthalene	1880	U	ND		905	ug/kg	35	*	48	(0%-30%)		
2-Nitrophenol	1880	U	ND		753	ug/kg	40	*	40	(0%-30%)		
3,3'-Dichlorobenzidine	1880	U	ND		560	ug/kg	6		30	(0%-30%)		
4-Bromophenylphenylether	1880	U	ND		932	ug/kg	35	*	50	(0%-30%)		
4-Chloro-3-methylphenol	1880	U	ND		867	ug/kg	35	*	46	(0%-30%)		
4-Chloroaniline	1880	U	ND		636	ug/kg	6		34	(0%-30%)		
4-Chlorophenylphenylether	1880	U	ND		947	ug/kg	35	*	50	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
4-Nitrophenol	1880	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)	BM1	03/20/26 14:54
Acenaphthene	1880	U	ND		873	ug/kg	36	*	46	(0%-30%)		
Acenaphthylene	1880	U	ND		819	ug/kg	35	*	44	(0%-30%)		
Acetophenone	1880	U	ND		765	ug/kg	33	*	41	(0%-30%)		
Anthracene	1880	U	ND		953	ug/kg	34	*	51	(0%-30%)		
Atrazine	1880	U	ND		809	ug/kg	43	*	43	(0%-30%)		
Benzaldehyde	1880	U	ND		603	ug/kg	43	*	32	(0%-30%)		
Benzo(a)anthracene	1880	J	17.3		936	ug/kg	32	*	49	(0%-30%)		
Benzo(a)pyrene	1880	J	16.6		975	ug/kg	32	*	51	(0%-30%)		
Benzo(b)fluoranthene	1880	J	24.9		1010	ug/kg	34	*	53	(0%-30%)		
Benzo(ghi)perylene	1880	U	ND		1020	ug/kg	31	*	54	(0%-30%)		
Benzo(k)fluoranthene	1880	U	ND		996	ug/kg	31	*	53	(0%-30%)		
Butylbenzylphthalate	1880	U	ND		1030	ug/kg	35	*	55	(0%-30%)		
Carbazole	1880	U	ND		971	ug/kg	34	*	52	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Chrysene	1880	J	12.4		884	ug/kg	33	*	46	(0%-30%)	BM1	03/20/26 14:54
Di-n-butylphthalate	1880	U	ND		1100	ug/kg	32	*	58	(0%-30%)		
Di-n-octylphthalate	1880	U	ND		1160	ug/kg	35	*	61	(0%-30%)		
Dibenzo(a,h)anthracene	1880	U	ND		921	ug/kg	30		49	(0%-30%)		
Dibenzofuran	1880	U	ND		890	ug/kg	36	*	47	(0%-30%)		
Diethylphthalate	1880	U	ND		967	ug/kg	35	*	51	(0%-30%)		
Dimethylphthalate	1880	U	ND		883	ug/kg	35	*	47	(0%-30%)		
Diphenylamine	1880	U	ND		929	ug/kg	33	*	49	(0%-30%)		
Fluoranthene	1880	J	21.9		1030	ug/kg	32	*	54	(0%-30%)		
Fluorene	1880	U	ND		933	ug/kg	33	*	50	(0%-30%)		
Hexachlorobenzene	1880	U	ND		900	ug/kg	34	*	48	(0%-30%)		
Hexachlorobutadiene	1880	U	ND		688	ug/kg	40	*	37	(0%-30%)		
Hexachlorocyclopentadiene	1880	U	ND	J	180	ug/kg	85	*	10 *	(0%-30%)		
Hexachloroethane	1880	U	ND		675	ug/kg	39	*	36	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Indeno(1,2,3-cd)pyrene	1880	J	13.9		963	ug/kg	31	*	50	(0%-30%)	BM1	03/20/26 14:54
Isophorone	1880	U	ND		853	ug/kg	39	*	45	(0%-30%)		
N-Nitrosodipropylamine	1880	U	ND		912	ug/kg	35	*	48	(0%-30%)		
Naphthalene	1880	U	ND		781	ug/kg	36	*	42	(0%-30%)		
Nitrobenzene	1880	U	ND		812	ug/kg	37	*	43	(0%-30%)		
Pentachlorophenol	1880	U	ND		723	ug/kg	27		38	(0%-30%)		
Phenanthrene	1880	J	11.3		929	ug/kg	33	*	49	(0%-30%)		
Phenol	1880	U	ND	U	ND	ug/kg	200	*	0	* (0%-30%)		
Pyrene	1880	J	20.4		1020	ug/kg	33	*	53	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		854	ug/kg	36	*	45	(0%-30%)		
bis(2-Chloroethoxy)methane	1880	U	ND		795	ug/kg	37	*	42	(0%-30%)		
bis(2-Chloroethyl) ether	1880	U	ND		871	ug/kg	32	*	46	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1880		42.6		1110	ug/kg	34	*	57	(0%-30%)		
m,p-Cresols	1880	U	ND		884	ug/kg	32	*	47	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
m-Nitroaniline	1880	U	ND		740	ug/kg	13		39	(0%-30%)	BM1	03/20/26 14:54
o-Cresol	1880	U	ND		848	ug/kg	34	*	45	(0%-30%)		
o-Nitroaniline	1880	U	ND		904	ug/kg	39	*	48	(0%-30%)		
p-Nitroaniline	1880	U	ND		802	ug/kg	34	*	43	(0%-30%)		
**2,4,6-Tribromophenol	3760		2940		1920	ug/kg			51	(20%-104%)		
**2-Fluorobiphenyl	1880		1310		778	ug/kg			41	(20%-93%)		
**2-Fluorophenol	3760		2660		1710	ug/kg			45	(19%-94%)		
**Nitrobenzene-d5	1880		1270		761	ug/kg			40	(19%-90%)		
**Phenol-d5	3760		2730		1810	ug/kg			48	(20%-99%)		
**p-Terphenyl-d14	1880		1440		970	ug/kg			52	(24%-107%)		
Batch 2966002												
QC1206415631 LCS												
1,1'-Biphenyl	1660				1320	ug/kg			79	(47%-110%)	NM1	03/24/26 18:45
1,2,4,5-Tetrachlorobenzene	1660				1260	ug/kg			76	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1340	ug/kg			81	(44%-114%)		
2,4,5-Trichlorophenol	1660				1430	ug/kg			86	(50%-121%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2966002											
2,4,6-Trichlorophenol	1660			1370	ug/kg		82	(48%-112%)	NM1	03/24/26	18:45
2,4-Dichlorophenol	1660			1470	ug/kg		88	(47%-112%)			
2,4-Dimethylphenol	1660			994	ug/kg		60	(32%-74%)			
2,4-Dinitrophenol	1660		J	360	ug/kg		22	(22%-89%)			
2,4-Dinitrotoluene	1660			1330	ug/kg		80	(49%-121%)			
2,6-Dinitrotoluene	1660			1430	ug/kg		86	(47%-118%)			
2-Chloronaphthalene	1660			1310	ug/kg		79	(44%-107%)			
2-Chlorophenol	1660			1350	ug/kg		82	(46%-107%)			
2-Methyl-4,6-dinitrophenol	1660		J	142	ug/kg		9*	(21%-106%)			
2-Methylnaphthalene	1660			1570	ug/kg		95	(47%-109%)			
2-Nitrophenol	1660			1080	ug/kg		65	(44%-109%)			
3,3'-Dichlorobenzidine	1660			1500	ug/kg		90	(39%-100%)			
4-Bromophenylphenylether	1660			1460	ug/kg		88	(50%-120%)			
4-Chloro-3-methylphenol	1660			1620	ug/kg		97	(50%-114%)			

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
4-Chloroaniline	1660			1330	ug/kg		80	(38%-96%)	NM1	03/24/26 18:45
4-Chlorophenylphenylether	1660			1490	ug/kg		90	(50%-118%)		
4-Nitrophenol	1660			1680	ug/kg		101	(46%-120%)		
Acenaphthene	1660			1370	ug/kg		82	(45%-112%)		
Acenaphthylene	1660			1300	ug/kg		78	(43%-106%)		
Acetophenone	1660			1320	ug/kg		80	(35%-100%)		
Anthracene	1660			1490	ug/kg		90	(50%-115%)		
Atrazine	1660			1590	ug/kg		96	(51%-144%)		
Benzaldehyde	1660			366	ug/kg		22	(21%-89%)		
Benzo(a)anthracene	1660			1480	ug/kg		89	(51%-117%)		
Benzo(a)pyrene	1660			1470	ug/kg		88	(48%-118%)		
Benzo(b)fluoranthene	1660			1600	ug/kg		96	(51%-121%)		
Benzo(ghi)perylene	1660			1490	ug/kg		90	(51%-125%)		
Benzo(k)fluoranthene	1660			1520	ug/kg		91	(50%-124%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
Butylbenzylphthalate	1660			1980	ug/kg		119	(51%-133%)	NM1	03/24/26 18:45
Carbazole	1660			1560	ug/kg		94	(53%-119%)		
Chrysene	1660			1400	ug/kg		84	(52%-116%)		
Di-n-butylphthalate	1660			1690	ug/kg		102	(54%-126%)		
Di-n-octylphthalate	1660			1970	ug/kg		118	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1500	ug/kg		90	(48%-120%)		
Dibenzofuran	1660			1410	ug/kg		85	(50%-110%)		
Diethylphthalate	1660			1510	ug/kg		91	(52%-123%)		
Dimethylphthalate	1660			1460	ug/kg		88	(49%-124%)		
Diphenylamine	1660			1470	ug/kg		88	(51%-115%)		
Fluoranthene	1660			1580	ug/kg		95	(52%-121%)		
Fluorene	1660			1440	ug/kg		87	(50%-116%)		
Hexachlorobenzene	1660			1460	ug/kg		88	(48%-117%)		
Hexachlorobutadiene	1660			1310	ug/kg		79	(40%-105%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
Hexachlorocyclopentadiene	1660		U	ND	ug/kg		0 *	(26%-82%)	NM1	03/24/26 18:45
Hexachloroethane	1660			815	ug/kg		49	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1540	ug/kg		93	(47%-123%)		
Isophorone	1660			1430	ug/kg		86	(37%-120%)		
N-Nitrosodipropylamine	1660			1410	ug/kg		85	(46%-113%)		
Naphthalene	1660			1360	ug/kg		82	(44%-105%)		
Nitrobenzene	1660			1420	ug/kg		86	(44%-106%)		
Pentachlorophenol	1660			1140	ug/kg		69	(36%-111%)		
Phenanthrene	1660			1480	ug/kg		89	(50%-114%)		
Phenol	1660			1520	ug/kg		91	(46%-107%)		
Pyrene	1660			1560	ug/kg		94	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1410	ug/kg		85	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1430	ug/kg		86	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1360	ug/kg		82	(44%-106%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
bis(2-Ethylhexyl)phthalate	1660			1900	ug/kg		114	(50%-134%)	NM1	03/24/26 18:45
m,p-Cresols	1660			1430	ug/kg		86	(46%-106%)		
m-Nitroaniline	1660			1520	ug/kg		92	(41%-108%)		
o-Cresol	1660			1330	ug/kg		80	(45%-105%)		
o-Nitroaniline	1660			1550	ug/kg		93	(48%-117%)		
p-Nitroaniline	1660			1630	ug/kg		98	(49%-119%)		
**2,4,6-Tribromophenol	3320			2720	ug/kg		82	(20%-104%)		
**2-Fluorobiphenyl	1660			1170	ug/kg		71	(20%-93%)		
**2-Fluorophenol	3320			2630	ug/kg		79	(19%-94%)		
**Nitrobenzene-d5	1660			1260	ug/kg		76	(19%-90%)		
**Phenol-d5	3320			2770	ug/kg		83	(20%-99%)		
**p-Terphenyl-d14	1660			1380	ug/kg		83	(24%-107%)		
QC1206415991 LCSD										
1,1'-Biphenyl	1660			1140	ug/kg	14	69	(0%-30%)		03/24/26 19:09
1,2,4,5-Tetrachlorobenzene	1660			1080	ug/kg	16	65	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
2,3,4,6-Tetrachlorophenol	1660			1120	ug/kg	18	67	(0%-30%)	NM1	03/24/26 19:09
2,4,5-Trichlorophenol	1660			1230	ug/kg	15	74	(0%-30%)		
2,4,6-Trichlorophenol	1660			1160	ug/kg	16	70	(0%-30%)		
2,4-Dichlorophenol	1660			1310	ug/kg	11	79	(0%-30%)		
2,4-Dimethylphenol	1660			879	ug/kg	12	53	(0%-30%)		
2,4-Dinitrophenol	1660		J	343	ug/kg	5	21*	(0%-30%)		
2,4-Dinitrotoluene	1660			1130	ug/kg	16	68	(0%-30%)		
2,6-Dinitrotoluene	1660			1260	ug/kg	13	76	(0%-30%)		
2-Chloronaphthalene	1660			1120	ug/kg	16	67	(0%-30%)		
2-Chlorophenol	1660			1230	ug/kg	10	74	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1660		J	124	ug/kg	14	7*	(0%-30%)		
2-Methylnaphthalene	1660			1380	ug/kg	13	83	(0%-30%)		
2-Nitrophenol	1660			980	ug/kg	10	59	(0%-30%)		
3,3'-Dichlorobenzidine	1660			1280	ug/kg	16	77	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
4-Bromophenylphenylether	1660			1250	ug/kg	15	76	(0%-30%)	NM1	03/24/26 19:09
4-Chloro-3-methylphenol	1660			1400	ug/kg	14	85	(0%-30%)		
4-Chloroaniline	1660			1180	ug/kg	12	71	(0%-30%)		
4-Chlorophenylphenylether	1660			1280	ug/kg	15	77	(0%-30%)		
4-Nitrophenol	1660			1410	ug/kg	17	85	(0%-30%)		
Acenaphthene	1660			1190	ug/kg	14	72	(0%-30%)		
Acenaphthylene	1660			1120	ug/kg	15	67	(0%-30%)		
Acetophenone	1660			1170	ug/kg	12	70	(0%-30%)		
Anthracene	1660			1240	ug/kg	18	75	(0%-30%)		
Atrazine	1660			1230	ug/kg	25	74	(0%-30%)		
Benzaldehyde	1660			336	ug/kg	9	20*	(0%-30%)		
Benzo(a)anthracene	1660			1280	ug/kg	15	77	(0%-30%)		
Benzo(a)pyrene	1660			1270	ug/kg	14	77	(0%-30%)		
Benzo(b)fluoranthene	1660			1390	ug/kg	14	84	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2966002											
Benzo(ghi)perylene	1660			1290	ug/kg	14	78	(0%-30%)	NM1	03/24/26	19:09
Benzo(k)fluoranthene	1660			1310	ug/kg	15	79	(0%-30%)			
Butylbenzylphthalate	1660			1700	ug/kg	15	102	(0%-30%)			
Carbazole	1660			1320	ug/kg	17	80	(0%-30%)			
Chrysene	1660			1210	ug/kg	15	73	(0%-30%)			
Di-n-butylphthalate	1660			1420	ug/kg	17	86	(0%-30%)			
Di-n-octylphthalate	1660			1690	ug/kg	15	102	(0%-30%)			
Dibenzo(a,h)anthracene	1660			1300	ug/kg	14	78	(0%-30%)			
Dibenzofuran	1660			1200	ug/kg	16	72	(0%-30%)			
Diethylphthalate	1660			1300	ug/kg	15	78	(0%-30%)			
Dimethylphthalate	1660			1260	ug/kg	14	76	(0%-30%)			
Diphenylamine	1660			1230	ug/kg	17	74	(0%-30%)			
Fluoranthene	1660			1330	ug/kg	17	80	(0%-30%)			
Fluorene	1660			1240	ug/kg	15	75	(0%-30%)			

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
Hexachlorobenzene	1660			1230	ug/kg	17	74	(0%-30%)	NM1	03/24/26 19:09
Hexachlorobutadiene	1660			1090	ug/kg	19	66	(0%-30%)		
Hexachlorocyclopentadiene	1660		U	ND	ug/kg	N/A	0*	(0%-30%)		
Hexachloroethane	1660			750	ug/kg	8	45	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1660			1330	ug/kg	15	80	(0%-30%)		
Isophorone	1660			1250	ug/kg	13	76	(0%-30%)		
N-Nitrosodipropylamine	1660			1280	ug/kg	10	77	(0%-30%)		
Naphthalene	1660			1170	ug/kg	15	71	(0%-30%)		
Nitrobenzene	1660			1230	ug/kg	14	74	(0%-30%)		
Pentachlorophenol	1660			926	ug/kg	21	56	(0%-30%)		
Phenanthrene	1660			1250	ug/kg	17	76	(0%-30%)		
Phenol	1660			1380	ug/kg	9	83	(0%-30%)		
Pyrene	1660			1320	ug/kg	16	80	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1660			1250	ug/kg	12	75	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2966002											
bis(2-Chloroethoxy)methane	1660			1250	ug/kg	14	75	(0%-30%)	NM1	03/24/26	19:09
bis(2-Chloroethyl) ether	1660			1190	ug/kg	14	71	(0%-30%)			
bis(2-Ethylhexyl)phthalate	1660			1610	ug/kg	16	97	(0%-30%)			
m,p-Cresols	1660			1290	ug/kg	10	78	(0%-30%)			
m-Nitroaniline	1660			1290	ug/kg	17	77	(0%-30%)			
o-Cresol	1660			1210	ug/kg	9	73	(0%-30%)			
o-Nitroaniline	1660			1330	ug/kg	15	80	(0%-30%)			
p-Nitroaniline	1660			1390	ug/kg	16	83	(0%-30%)			
**2,4,6-Tribromophenol	3320			2330	ug/kg		70	(20%-104%)			
**2-Fluorobiphenyl	1660			1020	ug/kg		61	(20%-93%)			
**2-Fluorophenol	3320			2320	ug/kg		70	(19%-94%)			
**Nitrobenzene-d5	1660			1110	ug/kg		67	(19%-90%)			
**Phenol-d5	3320			2500	ug/kg		75	(20%-99%)			
**p-Terphenyl-d14	1660			1160	ug/kg		70	(24%-107%)			

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
QC1206415630 MB										
1,1'-Biphenyl			U	ND	ug/kg				NM1	03/24/26 18:22
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
2-Nitrophenol			U	ND	ug/kg				NM1	03/24/26 18:22
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
Benzo(a)pyrene			U	ND	ug/kg				NM1	03/24/26 18:22
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
Fluoranthene			U	ND	ug/kg				NM1	03/24/26 18:22
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
Pyrene			U	ND	ug/kg				NM1	03/24/26 18:22
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			1660	ug/kg		50	(20%-104%)		
**2-Fluorobiphenyl	1660			790	ug/kg		48	(20%-93%)		
**2-Fluorophenol	3320			1780	ug/kg		53	(19%-94%)		
**Nitrobenzene-d5	1660			836	ug/kg		50	(19%-90%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2966002										
**Phenol-d5	3320			1850	ug/kg		56	(20%-99%)	NM1	03/24/26 18:22
**p-Terphenyl-d14	1660			907	ug/kg		55	(24%-107%)		
Semi-Volatiles-PCB										
Batch 2968582										
QC1206419903 LCS										
Aroclor-1016	33.1			25.4	ug/kg		77	(70%-130%)	JXM	03/30/26 23:11
Aroclor-1260	33.1			28.6	ug/kg		87	(70%-130%)		
**4cmx	6.62			4.60	ug/kg		69	(24%-118%)		
**Decachlorobiphenyl	6.62			5.22	ug/kg		79	(31%-138%)		
QC1206419902 MB										
Aroclor-1016			U	ND	ug/kg					03/30/26 23:00
Aroclor-1221			U	ND	ug/kg					
Aroclor-1232			U	ND	ug/kg					
Aroclor-1242			U	ND	ug/kg					
Aroclor-1248			U	ND	ug/kg					
Aroclor-1254			U	ND	ug/kg					
Aroclor-1260			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB											
Batch 2968582											
Aroclor-1262				U	ND	ug/kg				JXM	03/30/26 23:00
Aroclor-1268				U	ND	ug/kg					
**4cmx	6.61				4.42	ug/kg		67	(24%-118%)		
**Decachlorobiphenyl	6.61				4.99	ug/kg		76	(31%-138%)		
QC1206419904 768521001 MS											
Aroclor-1016	33.1	U	ND		22.6	ug/kg		68	(31%-117%)		03/30/26 23:34
Aroclor-1260	33.1	U	ND		25.4	ug/kg		77	(32%-124%)		
**4cmx	6.61		4.10		4.08	ug/kg		62	(24%-118%)		
**Decachlorobiphenyl	6.61		4.53		4.69	ug/kg		71	(31%-138%)		
QC1206419905 768521001 MSD											
Aroclor-1016	32.6	U	ND		23.2	ug/kg	3	71	(0%-35%)		03/30/26 23:50
Aroclor-1260	32.6	U	ND		26.6	ug/kg	5	81	(0%-37%)		
**4cmx	6.52		4.10		3.85	ug/kg		59	(24%-118%)		
**Decachlorobiphenyl	6.52		4.53		4.40	ug/kg		67	(31%-138%)		
Semi-Volatiles-Pesticide											
Batch 2965170											
QC1206414037 LCS											
4,4'-DDD	41.3				36.8	ug/kg		89	(70%-130%)	YS1	03/24/26 02:43

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2965170										
4,4'-DDE	41.3			37.0	ug/kg		90	(70%-130%)	YS1	03/24/26 02:43
4,4'-DDT	41.3			38.3	ug/kg		93	(70%-130%)		
Aldrin	16.5			17.7	ug/kg		107	(70%-130%)		
Dieldrin	41.3			37.2	ug/kg		90	(70%-130%)		
Endosulfan I	16.5			13.2	ug/kg		80	(70%-130%)		
Endosulfan II	41.3			33.9	ug/kg		82	(70%-130%)		
Endosulfan sulfate	41.3			34.5	ug/kg		83	(70%-130%)		
Endrin	41.3			40.2	ug/kg		97	(70%-130%)		
Endrin aldehyde	41.3			35.4	ug/kg		86	(70%-130%)		
Endrin ketone	41.3			33.8	ug/kg		82	(70%-130%)		
Heptachlor	16.5			14.1	ug/kg		85	(70%-130%)		
Heptachlor epoxide	16.5			15.0	ug/kg		91	(70%-130%)		
Methoxychlor	165			151	ug/kg		92	(70%-130%)		
alpha-BHC	16.5			14.5	ug/kg		88	(70%-130%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2965170										
beta-BHC	16.5			12.8	ug/kg		78	(70%-130%)	YS1	03/24/26 02:43
cis-Chlordane	16.5			13.6	ug/kg		83	(70%-130%)		
delta-BHC	16.5			15.2	ug/kg		92	(70%-130%)		
gamma-BHC (Lindane)	16.5			14.2	ug/kg		86	(70%-130%)		
trans-Chlordane	16.5			13.2	ug/kg		80	(70%-130%)		
**4cmx	33.0			28.0	ug/kg		85	(26%-130%)		
**Decachlorobiphenyl	33.0			26.2	ug/kg		79	(35%-151%)		
QC1206414040 LCS										
Toxaphene	132			115	ug/kg		87	(70%-130%)		03/24/26 03:03
**4cmx	33.0			29.2	ug/kg		88	(26%-130%)		
**Decachlorobiphenyl	33.0			27.9	ug/kg		84	(35%-151%)		
QC1206414036 MB										
4,4'-DDD			U	ND	ug/kg					03/24/26 02:23
4,4'-DDE			U	ND	ug/kg					
4,4'-DDT			U	ND	ug/kg					
Aldrin			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2965170										
Dieldrin			U	ND	ug/kg				YS1	03/24/26 02:23
Endosulfan I			U	ND	ug/kg					
Endosulfan II			U	ND	ug/kg					
Endosulfan sulfate			U	ND	ug/kg					
Endrin			U	ND	ug/kg					
Endrin aldehyde			U	ND	ug/kg					
Endrin ketone			U	ND	ug/kg					
Heptachlor			U	ND	ug/kg					
Heptachlor epoxide			U	ND	ug/kg					
Methoxychlor			U	ND	ug/kg					
Toxaphene			U	ND	ug/kg					
alpha-BHC			U	ND	ug/kg					
beta-BHC			U	ND	ug/kg					
cis-Chlordane			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2965170											
delta-BHC				U	ND	ug/kg				YS1	03/24/26 02:23
gamma-BHC (Lindane)				U	ND	ug/kg					
trans-Chlordane				U	ND	ug/kg					
**4cmx	33.1				31.6	ug/kg		96	(26%-130%)		
**Decachlorobiphenyl	33.1				29.6	ug/kg		89	(35%-151%)		
QC1206414038 769001007 MS											
4,4'-DDD	46.0	U	ND		46.1	ug/kg		100	(33%-154%)		03/24/26 03:44
4,4'-DDE	46.0	U	ND		48.2	ug/kg		105	(29%-150%)		
4,4'-DDT	46.0	U	ND		43.2	ug/kg		94	(19%-156%)		
Aldrin	18.4	U	ND		19.1	ug/kg		104	(26%-145%)		
Dieldrin	46.0	U	ND		45.7	ug/kg		99	(28%-144%)		
Endosulfan I	18.4	U	ND		11.5	ug/kg		63	(20%-140%)		
Endosulfan II	46.0	U	ND		26.5	ug/kg		58	(22%-143%)		
Endosulfan sulfate	46.0	U	ND		35.2	ug/kg		76	(25%-144%)		
Endrin	46.0	U	ND		47.7	ug/kg		104	(34%-164%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2965170											
Endrin aldehyde	46.0	U	ND		27.2	ug/kg		59	(22%-149%)	YS1	03/24/26 03:44
Endrin ketone	46.0	U	ND		38.2	ug/kg		83	(22%-142%)		
Heptachlor	18.4	U	ND		22.3	ug/kg		121	(21%-144%)		
Heptachlor epoxide	18.4	U	ND	P	17.4	ug/kg		94	(24%-148%)		
Methoxychlor	184	U	ND		161	ug/kg		87	(17%-150%)		
alpha-BHC	18.4	U	ND		17.5	ug/kg		95	(24%-143%)		
beta-BHC	18.4	U	ND		16.6	ug/kg		90	(22%-145%)		
cis-Chlordane	18.4	U	ND		16.2	ug/kg		88	(20%-142%)		
delta-BHC	18.4	U	ND	P	21.9	ug/kg		119	(21%-144%)		
gamma-BHC (Lindane)	18.4	U	ND		19.6	ug/kg		106	(22%-140%)		
trans-Chlordane	18.4	U	ND		18.1	ug/kg		98	(21%-141%)		
**4cmx	36.8		34.7		35.1	ug/kg		95	(26%-130%)		
**Decachlorobiphenyl	36.8		29.2		28.0	ug/kg		76	(35%-151%)		
QC1206414039 769001007 MSD											
4,4'-DDD	46.0	U	ND		49.1	ug/kg	6	107	(0%-30%)		03/24/26 04:04

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2965170											
4,4'-DDE	46.0	U	ND		52.0	ug/kg	8	113	(0%-30%)	YS1	03/24/26 04:04
4,4'-DDT	46.0	U	ND		45.8	ug/kg	6	100	(0%-30%)		
Aldrin	18.4	U	ND		20.5	ug/kg	7	111	(0%-30%)		
Dieldrin	46.0	U	ND		49.4	ug/kg	8	107	(0%-30%)		
Endosulfan I	18.4	U	ND		12.4	ug/kg	7	67	(0%-30%)		
Endosulfan II	46.0	U	ND		28.4	ug/kg	7	62	(0%-30%)		
Endosulfan sulfate	46.0	U	ND		36.4	ug/kg	3	79	(0%-30%)		
Endrin	46.0	U	ND		51.1	ug/kg	7	111	(0%-30%)		
Endrin aldehyde	46.0	U	ND		28.6	ug/kg	5	62	(0%-30%)		
Endrin ketone	46.0	U	ND		40.1	ug/kg	5	87	(0%-30%)		
Heptachlor	18.4	U	ND		24.5	ug/kg	9	133	(0%-30%)		
Heptachlor epoxide	18.4	U	ND	P	18.5	ug/kg	6	101	(0%-30%)		
Methoxychlor	184	U	ND		168	ug/kg	5	91	(0%-30%)		
alpha-BHC	18.4	U	ND		18.3	ug/kg	4	99	(0%-30%)		

QC Summary

Workorder: **769001**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2965170											
beta-BHC	18.4	U	ND		17.3	ug/kg	4	94	(0%-30%)	YS1	03/24/26 04:04
cis-Chlordane	18.4	U	ND		17.2	ug/kg	6	94	(0%-30%)		
delta-BHC	18.4	U	ND	P	23.6	ug/kg	7	128	(0%-30%)		
gamma-BHC (Lindane)	18.4	U	ND		20.9	ug/kg	6	113	(0%-30%)		
trans-Chlordane	18.4	U	ND		19.1	ug/kg	5	104	(0%-30%)		
**4cmx	36.8		34.7		37.7	ug/kg		102	(26%-130%)		
**Decachlorobiphenyl	36.8		29.2		30.1	ug/kg		82	(35%-151%)		
Spectrometric Analysis											
Batch 2968525											
QC1206419801 769001012 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/kg	N/A			BR2	03/31/26 13:30
QC1206422229 ILCS											
Hexavalent Chromium	7.29				7.27	mg/kg		99.7	(80%-120%)		03/31/26 13:30
QC1206419800 LCS											
Hexavalent Chromium	3.92				3.87	mg/kg		98.9	(80%-120%)		03/31/26 13:30
QC1206419799 MB											
Hexavalent Chromium				U	ND	mg/kg					03/31/26 13:30
QC1206419802 769001012 MS											
Hexavalent Chromium	4.13	U	ND		3.81	mg/kg		92.1	(75%-125%)		03/31/26 13:30

QC Summary

Workorder: 769001

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2969515											
QC1206421790 769063001 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/kg	N/A			BR2	04/01/26 13:05
QC1206421794 ILCS											
Hexavalent Chromium	6.81				6.94	mg/kg		102	(80%-120%)		04/01/26 13:05
QC1206421789 LCS											
Hexavalent Chromium	3.44				3.36	mg/kg		97.8	(80%-120%)		04/01/26 13:05
QC1206421788 MB											
Hexavalent Chromium				U	ND	mg/kg					04/01/26 13:05
QC1206421791 769063001 MS											
Hexavalent Chromium	2.69	U	ND		1.87	mg/kg		68.9*	(75%-125%)		04/01/26 13:05
Volatile-GC/MS											
Batch 2970065											
QC1206422818 LCS											
1,1,1-Trichloroethane	50.0				44.5	ug/kg		89	(72%-126%)	PXY1	03/31/26 09:29
1,1,2,2-Tetrachloroethane	50.0				47.0	ug/kg		94	(69%-120%)		
1,1,2-Trichloroethane	50.0				45.8	ug/kg		92	(74%-120%)		
1,1-Dichloroethane	50.0				47.8	ug/kg		96	(72%-126%)		
1,1-Dichloroethylene	50.0				48.1	ug/kg		96	(71%-136%)		
1,2,3-Trichlorobenzene	50.0				49.3	ug/kg		99	(67%-130%)		
1,2,4-Trichlorobenzene	50.0				47.5	ug/kg		95	(68%-130%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
1,2-Dibromo-3-chloropropane	50.0			46.9	ug/kg		94	(60%-135%)	PXY1	03/31/26 09:29
1,2-Dibromoethane	50.0			46.6	ug/kg		93	(79%-120%)		
1,2-Dichlorobenzene	50.0			47.1	ug/kg		94	(73%-120%)		
1,2-Dichloroethane	50.0			44.4	ug/kg		89	(66%-123%)		
1,2-Dichloropropane	50.0			45.4	ug/kg		91	(72%-120%)		
1,3-Dichlorobenzene	50.0			46.5	ug/kg		93	(72%-120%)		
1,4-Dichlorobenzene	50.0			45.1	ug/kg		90	(72%-120%)		
2-Butanone	250			239	ug/kg		96	(66%-125%)		
2-Hexanone	250			253	ug/kg		101	(64%-131%)		
4-Methyl-2-pentanone	250			251	ug/kg		100	(70%-126%)		
Acetone	250			235	ug/kg		94	(60%-124%)		
Benzene	50.0			44.9	ug/kg		90	(73%-120%)		
Bromochloromethane	50.0			48.4	ug/kg		97	(73%-123%)		
Bromodichloromethane	50.0			45.7	ug/kg		91	(74%-124%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
Bromoform	50.0			48.6	ug/kg		97	(64%-126%)	PXY1	03/31/26 09:29
Bromomethane	50.0			47.2	ug/kg		94	(67%-138%)		
Carbon disulfide	250			252	ug/kg		101	(69%-136%)		
Carbon tetrachloride	50.0			45.0	ug/kg		90	(72%-132%)		
Chlorobenzene	50.0			45.1	ug/kg		90	(74%-120%)		
Chloroethane	50.0			46.6	ug/kg		93	(69%-133%)		
Chloroform	50.0			46.4	ug/kg		93	(72%-122%)		
Chloromethane	50.0			57.6	ug/kg		115	(53%-142%)		
Cyclohexane	50.0			48.6	ug/kg		97	(63%-130%)		
Dibromochloromethane	50.0			47.4	ug/kg		95	(73%-125%)		
Dichlorodifluoromethane	50.0			40.9	ug/kg		82	(57%-150%)		
Ethylbenzene	50.0			46.3	ug/kg		93	(72%-120%)		
Isopropylbenzene	50.0			48.3	ug/kg		97	(74%-129%)		
Methyl acetate	250			246	ug/kg		98	(66%-131%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
Methylcyclohexane	50.0			47.2	ug/kg		94	(71%-127%)	PXY1	03/31/26 09:29
Methylene chloride	50.0			49.1	ug/kg		98	(71%-124%)		
Styrene	50.0			49.9	ug/kg		100	(70%-123%)		
Tetrachloroethylene	50.0			46.5	ug/kg		93	(68%-126%)		
Toluene	50.0			44.8	ug/kg		90	(73%-120%)		
Trichloroethylene	50.0			43.6	ug/kg		87	(74%-122%)		
Trichlorofluoromethane	50.0			44.0	ug/kg		88	(66%-137%)		
Vinyl chloride	50.0			57.4	ug/kg		115	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			48.3	ug/kg		97	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			46.0	ug/kg		92	(74%-123%)		
m,p-Xylenes	100			96.1	ug/kg		96	(72%-121%)		
o-Xylene	50.0			47.8	ug/kg		96	(73%-120%)		
tert-Butyl methyl ether	50.0			47.6	ug/kg		95	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			49.3	ug/kg		99	(72%-126%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
trans-1,3-Dichloropropylene	50.0			47.2	ug/kg		94	(74%-125%)	PXY1	03/31/26 09:29
**1,2-Dichloroethane-d4	50.0			47.0	ug/L		94	(75%-131%)		
**Bromofluorobenzene	50.0			47.0	ug/L		94	(67%-136%)		
**Toluene-d8	50.0			47.9	ug/L		96	(79%-122%)		
QC1206422820 LCS										
1,4-Dioxane	2500			2150	ug/kg		86	(57%-134%)		03/31/26 10:25
Trichlorotrifluoroethane	250			218	ug/kg		87	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			45.8	ug/L		92	(75%-131%)		
**Bromofluorobenzene	50.0			47.6	ug/L		95	(67%-136%)		
**Toluene-d8	50.0			45.4	ug/L		91	(79%-122%)		
QC1206422819 LCSD										
1,1,1-Trichloroethane	50.0			43.3	ug/kg	3	87	(0%-20%)		03/31/26 09:57
1,1,2,2-Tetrachloroethane	50.0			45.0	ug/kg	4	90	(0%-20%)		
1,1,2-Trichloroethane	50.0			46.1	ug/kg	0	92	(0%-20%)		
1,1-Dichloroethane	50.0			45.6	ug/kg	5	91	(0%-20%)		
1,1-Dichloroethylene	50.0			45.8	ug/kg	5	92	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
1,2,3-Trichlorobenzene	50.0			50.0	ug/kg	1	100	(0%-20%)	PXY1	03/31/26 09:57
1,2,4-Trichlorobenzene	50.0			47.8	ug/kg	1	96	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0			47.6	ug/kg	2	95	(0%-20%)		
1,2-Dibromoethane	50.0			46.5	ug/kg	0	93	(0%-20%)		
1,2-Dichlorobenzene	50.0			45.6	ug/kg	3	91	(0%-20%)		
1,2-Dichloroethane	50.0			43.4	ug/kg	2	87	(0%-20%)		
1,2-Dichloropropane	50.0			45.2	ug/kg	0	90	(0%-20%)		
1,3-Dichlorobenzene	50.0			44.4	ug/kg	5	89	(0%-20%)		
1,4-Dichlorobenzene	50.0			43.6	ug/kg	4	87	(0%-20%)		
2-Butanone	250			241	ug/kg	1	96	(0%-20%)		
2-Hexanone	250			253	ug/kg	0	101	(0%-20%)		
4-Methyl-2-pentanone	250			255	ug/kg	2	102	(0%-20%)		
Acetone	250			235	ug/kg	0	94	(0%-20%)		
Benzene	50.0			44.2	ug/kg	2	88	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
Bromochloromethane	50.0			47.0	ug/kg	3	94	(0%-20%)	PXY1	03/31/26 09:57
Bromodichloromethane	50.0			45.3	ug/kg	1	91	(0%-20%)		
Bromoform	50.0			46.2	ug/kg	5	92	(0%-20%)		
Bromomethane	50.0			44.9	ug/kg	5	90	(0%-20%)		
Carbon disulfide	250			235	ug/kg	7	94	(0%-20%)		
Carbon tetrachloride	50.0			43.1	ug/kg	4	86	(0%-20%)		
Chlorobenzene	50.0			44.1	ug/kg	2	88	(0%-20%)		
Chloroethane	50.0			44.3	ug/kg	5	89	(0%-20%)		
Chloroform	50.0			44.7	ug/kg	4	89	(0%-20%)		
Chloromethane	50.0			54.8	ug/kg	5	110	(0%-20%)		
Cyclohexane	50.0			47.0	ug/kg	3	94	(0%-20%)		
Dibromochloromethane	50.0			47.0	ug/kg	1	94	(0%-20%)		
Dichlorodifluoromethane	50.0			38.5	ug/kg	6	77	(0%-20%)		
Ethylbenzene	50.0			45.1	ug/kg	3	90	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
Isopropylbenzene	50.0			45.9	ug/kg	5	92	(0%-20%)	PXY1	03/31/26 09:57
Methyl acetate	250			244	ug/kg	1	98	(0%-20%)		
Methylcyclohexane	50.0			45.8	ug/kg	3	92	(0%-20%)		
Methylene chloride	50.0			46.7	ug/kg	5	93	(0%-20%)		
Styrene	50.0			48.6	ug/kg	3	97	(0%-20%)		
Tetrachloroethylene	50.0			45.9	ug/kg	1	92	(0%-20%)		
Toluene	50.0			44.3	ug/kg	1	89	(0%-20%)		
Trichloroethylene	50.0			43.2	ug/kg	1	86	(0%-20%)		
Trichlorofluoromethane	50.0			41.7	ug/kg	5	83	(0%-20%)		
Vinyl chloride	50.0			54.3	ug/kg	6	109	(0%-20%)		
cis-1,2-Dichloroethylene	50.0			46.0	ug/kg	5	92	(0%-20%)		
cis-1,3-Dichloropropylene	50.0			46.6	ug/kg	1	93	(0%-20%)		
m,p-Xylenes	100			93.2	ug/kg	3	93	(0%-20%)		
o-Xylene	50.0			47.2	ug/kg	1	94	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
tert-Butyl methyl ether	50.0			47.8	ug/kg	0	96	(0%-20%)	PXY1	03/31/26 09:57
trans-1,2-Dichloroethylene	50.0			46.8	ug/kg	5	94	(0%-20%)		
trans-1,3-Dichloropropylene	50.0			46.8	ug/kg	1	94	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			46.6	ug/L		93	(75%-131%)		
**Bromofluorobenzene	50.0			44.4	ug/L		89	(67%-136%)		
**Toluene-d8	50.0			47.8	ug/L		96	(79%-122%)		
QC1206422821 LCSD										
1,4-Dioxane	2500			2220	ug/kg	3	89	(0%-20%)		03/31/26 10:53
Trichlorotrifluoroethane	250			221	ug/kg	1	88	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			47.0	ug/L		94	(75%-131%)		
**Bromofluorobenzene	50.0			49.1	ug/L		98	(67%-136%)		
**Toluene-d8	50.0			45.3	ug/L		91	(79%-122%)		
QC1206422822 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					03/31/26 11:49
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
1,1-Dichloroethane			U	ND	ug/kg				PXY1	03/31/26 11:49
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
4-Methyl-2-pentanone			U	ND	ug/kg				PXY1	03/31/26 11:49
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
Dibromochloromethane			U	ND	ug/kg				PXY1	03/31/26 11:49
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970065										
cis-1,2-Dichloroethylene			U	ND	ug/kg				PXY1	03/31/26 11:49
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			49.8	ug/L		100	(75%-131%)		
**Bromofluorobenzene	50.0			43.9	ug/L		88	(67%-136%)		
**Toluene-d8	50.0			47.2	ug/L		94	(79%-122%)		
Batch 2970509										
QC1206423698 LCS										
1,1,1-Trichloroethane	50.0			44.5	ug/L		89	(70%-130%)	PXY1	03/31/26 09:29
1,1,2,2-Tetrachloroethane	50.0			47.0	ug/L		94	(70%-130%)		
1,1,2-Trichloroethane	50.0			45.8	ug/L		92	(70%-130%)		
1,1-Dichloroethane	50.0			47.8	ug/L		96	(70%-130%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
1,1-Dichloroethylene	50.0			48.1	ug/L		96	(70%-130%)	PXY1	03/31/26 09:29
1,2,3-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			47.5	ug/L		95	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			46.9	ug/L		94	(70%-130%)		
1,2-Dibromoethane	50.0			46.6	ug/L		93	(70%-130%)		
1,2-Dichlorobenzene	50.0			47.1	ug/L		94	(70%-130%)		
1,2-Dichloroethane	50.0			44.4	ug/L		89	(70%-130%)		
1,2-Dichloropropane	50.0			45.4	ug/L		91	(70%-130%)		
1,3-Dichlorobenzene	50.0			46.5	ug/L		93	(70%-130%)		
1,4-Dichlorobenzene	50.0			45.1	ug/L		90	(70%-130%)		
2-Butanone	250			239	ug/L		96	(70%-130%)		
2-Hexanone	250			253	ug/L		101	(70%-130%)		
4-Methyl-2-pentanone	250			251	ug/L		100	(70%-130%)		
Acetone	250			235	ug/L		94	(70%-130%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
Benzene	50.0			44.9	ug/L		90	(70%-130%)	PXY1	03/31/26 09:29
Bromochloromethane	50.0			48.4	ug/L		97	(70%-130%)		
Bromodichloromethane	50.0			45.7	ug/L		91	(70%-130%)		
Bromoform	50.0			48.6	ug/L		97	(70%-130%)		
Bromomethane	50.0			47.2	ug/L		94	(70%-130%)		
Carbon disulfide	250			252	ug/L		101	(70%-130%)		
Carbon tetrachloride	50.0			45.0	ug/L		90	(70%-130%)		
Chlorobenzene	50.0			45.1	ug/L		90	(70%-130%)		
Chloroethane	50.0			46.6	ug/L		93	(70%-130%)		
Chloroform	50.0			46.4	ug/L		93	(70%-130%)		
Chloromethane	50.0			57.6	ug/L		115	(70%-130%)		
Cyclohexane	50.0			48.6	ug/L		97	(70%-130%)		
Dibromochloromethane	50.0			47.4	ug/L		95	(70%-130%)		
Dichlorodifluoromethane	50.0			40.9	ug/L		82	(70%-130%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
Ethylbenzene	50.0			46.3	ug/L		93	(70%-130%)	PXY1	03/31/26 09:29
Isopropylbenzene	50.0			48.3	ug/L		97	(70%-130%)		
Methyl acetate	250			246	ug/L		98	(70%-130%)		
Methylcyclohexane	50.0			47.2	ug/L		94	(70%-130%)		
Methylene chloride	50.0			49.1	ug/L		98	(70%-130%)		
Styrene	50.0			49.9	ug/L		100	(70%-130%)		
Tetrachloroethylene	50.0			46.5	ug/L		93	(70%-130%)		
Toluene	50.0			44.8	ug/L		90	(70%-130%)		
Trichloroethylene	50.0			43.6	ug/L		87	(70%-130%)		
Trichlorofluoromethane	50.0			44.0	ug/L		88	(70%-130%)		
Vinyl chloride	50.0			57.4	ug/L		115	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			48.3	ug/L		97	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			46.0	ug/L		92	(70%-130%)		
m,p-Xylenes	100			96.1	ug/L		96	(70%-130%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
o-Xylene	50.0			47.8	ug/L		96	(70%-130%)	PXY1	03/31/26 09:29
tert-Butyl methyl ether	50.0			47.6	ug/L		95	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			49.3	ug/L		99	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			47.2	ug/L		94	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			47.0	ug/L		94	(71%-131%)		
**Bromofluorobenzene	50.0			47.0	ug/L		94	(77%-123%)		
**Toluene-d8	50.0			47.9	ug/L		96	(77%-121%)		
QC1206423713 LCS										
1,4-Dioxane	2500			2150	ug/L		86	(70%-130%)		03/31/26 10:25
Trichlorotrifluoroethane	250			218	ug/L		87	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			45.8	ug/L		92	(71%-131%)		
**Bromofluorobenzene	50.0			47.6	ug/L		95	(77%-123%)		
**Toluene-d8	50.0			45.4	ug/L		91	(77%-121%)		
QC1206423699 LCSD										
1,1,1-Trichloroethane	50.0			43.3	ug/L	3	87	(0%-20%)		03/31/26 09:57
1,1,2,2-Tetrachloroethane	50.0			45.0	ug/L	4	90	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
1,1,2-Trichloroethane	50.0			46.1	ug/L	0	92	(0%-20%)	PXY1	03/31/26 09:57
1,1-Dichloroethane	50.0			45.6	ug/L	5	91	(0%-20%)		
1,1-Dichloroethylene	50.0			45.8	ug/L	5	92	(0%-20%)		
1,2,3-Trichlorobenzene	50.0			50.0	ug/L	1	100	(0%-20%)		
1,2,4-Trichlorobenzene	50.0			47.8	ug/L	1	96	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0			47.6	ug/L	2	95	(0%-20%)		
1,2-Dibromoethane	50.0			46.5	ug/L	0	93	(0%-20%)		
1,2-Dichlorobenzene	50.0			45.6	ug/L	3	91	(0%-20%)		
1,2-Dichloroethane	50.0			43.4	ug/L	2	87	(0%-20%)		
1,2-Dichloropropane	50.0			45.2	ug/L	0	90	(0%-20%)		
1,3-Dichlorobenzene	50.0			44.4	ug/L	5	89	(0%-20%)		
1,4-Dichlorobenzene	50.0			43.6	ug/L	4	87	(0%-20%)		
2-Butanone	250			241	ug/L	1	96	(0%-20%)		
2-Hexanone	250			253	ug/L	0	101	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
4-Methyl-2-pentanone	250			255	ug/L	2	102	(0%-20%)	PXY1	03/31/26 09:57
Acetone	250			235	ug/L	0	94	(0%-20%)		
Benzene	50.0			44.2	ug/L	2	88	(0%-20%)		
Bromochloromethane	50.0			47.0	ug/L	3	94	(0%-20%)		
Bromodichloromethane	50.0			45.3	ug/L	1	91	(0%-20%)		
Bromoform	50.0			46.2	ug/L	5	92	(0%-20%)		
Bromomethane	50.0			44.9	ug/L	5	90	(0%-20%)		
Carbon disulfide	250			235	ug/L	7	94	(0%-20%)		
Carbon tetrachloride	50.0			43.1	ug/L	4	86	(0%-20%)		
Chlorobenzene	50.0			44.1	ug/L	2	88	(0%-20%)		
Chloroethane	50.0			44.3	ug/L	5	89	(0%-20%)		
Chloroform	50.0			44.7	ug/L	4	89	(0%-20%)		
Chloromethane	50.0			54.8	ug/L	5	110	(0%-20%)		
Cyclohexane	50.0			47.0	ug/L	3	94	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
Dibromochloromethane	50.0			47.0	ug/L	1	94	(0%-20%)	PXY1	03/31/26 09:57
Dichlorodifluoromethane	50.0			38.5	ug/L	6	77	(0%-20%)		
Ethylbenzene	50.0			45.1	ug/L	3	90	(0%-20%)		
Isopropylbenzene	50.0			45.9	ug/L	5	92	(0%-20%)		
Methyl acetate	250			244	ug/L	1	98	(0%-20%)		
Methylcyclohexane	50.0			45.8	ug/L	3	92	(0%-20%)		
Methylene chloride	50.0			46.7	ug/L	5	93	(0%-20%)		
Styrene	50.0			48.6	ug/L	3	97	(0%-20%)		
Tetrachloroethylene	50.0			45.9	ug/L	1	92	(0%-20%)		
Toluene	50.0			44.3	ug/L	1	89	(0%-20%)		
Trichloroethylene	50.0			43.2	ug/L	1	86	(0%-20%)		
Trichlorofluoromethane	50.0			41.7	ug/L	5	83	(0%-20%)		
Vinyl chloride	50.0			54.3	ug/L	6	109	(0%-20%)		
cis-1,2-Dichloroethylene	50.0			46.0	ug/L	5	92	(0%-20%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
cis-1,3-Dichloropropylene	50.0			46.6	ug/L	1	93	(0%-20%)	PXY1	03/31/26 09:57
m,p-Xylenes	100			93.2	ug/L	3	93	(0%-20%)		
o-Xylene	50.0			47.2	ug/L	1	94	(0%-20%)		
tert-Butyl methyl ether	50.0			47.8	ug/L	0	96	(0%-20%)		
trans-1,2-Dichloroethylene	50.0			46.8	ug/L	5	94	(0%-20%)		
trans-1,3-Dichloropropylene	50.0			46.8	ug/L	1	94	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			46.6	ug/L		93	(71%-131%)		
**Bromofluorobenzene	50.0			44.4	ug/L		89	(77%-123%)		
**Toluene-d8	50.0			47.8	ug/L		96	(77%-121%)		
QC1206423714 LCSD										
1,4-Dioxane	2500			2220	ug/L	3	89	(0%-20%)		03/31/26 10:53
Trichlorotrifluoroethane	250			221	ug/L	1	88	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			47.0	ug/L		94	(71%-131%)		
**Bromofluorobenzene	50.0			49.1	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			45.3	ug/L		91	(77%-121%)		

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
QC1206423700 MB										
1,1,1-Trichloroethane			U	ND	ug/L				PXY1	03/31/26 11:49
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
1,4-Dioxane			U	ND	ug/L				PXY1	03/31/26 11:49
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
Chloroform			U	ND	ug/L				PXY1	03/31/26 11:49
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2970509										
Trichlorofluoromethane			U	ND	ug/L				PXY1	03/31/26 11:49
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			49.8	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0			43.9	ug/L		88	(77%-123%)		
**Toluene-d8	50.0			47.2	ug/L		94	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

QC Summary

Workorder: **769001**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

J	J	Value is estimated
P	P	Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
E	E	Concentration of the target analyte exceeds the instrument calibration range

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: 1 of 2
Project # RUDE00425
GEL Quote #: GELP26-0217
COC Number [1]:
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 769001
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB)
Send Results To: Reggie Reeves

Sample Analysis Requested [5] (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code [2]	Field Filtered [3]	Sample Matrix [4]	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Kr-85, TCL SVOCs, TAL metals	CN, TCL PCBs, TCL Pesticides	<-- Preservative Type (6)
LS-TB-031726	03-17-26	1000	TB	N	DI			3	3			
LS-SB-20-1.0		1035	G	N	SO			1		1		
LS-SB-20-4.0		1040	G	N	SO			5	4	1		
LS-SB-15-1.0		1115	G	N	SO			1		1		
LS-SB-15-4.0		1120	G	N	SO			5	4	1		
LS-SB-15-4.0-DP		1122	DUP	N	SO			5	4	1		
LS-SB-25-3.0		1610	G	N	SO			2		1	1	
LS-SB-25-4.0		1615	G	N	SO			6	4	1	1	
LS-SB-40-2.0	03-18-26	0825	G	N	SO			1		1		
LS-SB-40-3.0		0830	G	N	SO			5	4	1		

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3-18-26	1640		3-18-26	1640
2						
3						

TAT Requested: Normal: ✓ Rush: ____ Specify: ____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] *Yes* [ ] *No* ***Cooler Temp:*** 1 °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

Page: 2 of 2
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number:
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St., Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TALMetals, TCL SVOCs	<-- Preservative Type (6)
LS-SB-01-2.0	03-18-26	1000	G	N	SO			1		1	
LS-SB-01-5.0		1010	G	N	SO			5	4	1	
LS-SB-14-1.0		1230	G	N	SO			1		1	
LS-SB-14-1.0-DP		1232	DUP	N	SO			1		1	
LS-SB-14-3.0		1235	G	N	SO			5	4	1	
LS-SB-14-3.0-DP		1237	DUP	N	SO			5	4	1	
LS-SB-02-2.0		1410	G	N	SO			1		1	
LS-SB-02-4.0		1415	G	N	SO			5	4	1	

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3-18-26	1640		3-18-26	1640
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)
Fax Results: [ ] Yes [ ] No
Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4
Additional Remarks:
For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 1 °C
> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*
Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	**SDG/AR/COC/Work Order:** 769001	**GEL PM:**
Received By: Joel Boatwright	**Date Received at GEL:** 3.18.26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier (Client) Other:

IR Temp gun # IR3-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
Cooler 1	1				
Cooler 2	1				

Suspected Hazard Information	Yes	No	
			*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr **Classified as: Rad 1 Rad 2 Rad 3**
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials JW Date 3/19/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 25 June 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 769001

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2970065

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2970064

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001003	LS-SB-20-4.0
769001005	LS-SB-15-4.0
769001006	LS-SB-15-4.0-DP
769001008	LS-SB-25-4.0
769001010	LS-SB-40-3.0
769001012	LS-SB-01-5.0
769001015	LS-SB-14-3.0
769001016	LS-SB-14-3.0-DP
769001018	LS-SB-02-4.0
1206422818	Laboratory Control Sample (LCS) **Batch 2970065**
1206422819	Laboratory Control Sample Duplicate (LCSD)
1206422820	Laboratory Control Sample (LCS)
1206422821	Laboratory Control Sample Duplicate (LCSD)
1206422822	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCS/LCSD pair were analyzed in order to demonstrate precision and accuracy.

Technical Information

Sample Re-extraction/Re-analysis
Sample 769001003 (LS-SB-20-4.0) was re-analyzed and reported due to possible carry-over from a previously analyzed sample.

Miscellaneous Information

Manual Integrations
Manual integrations were performed on client sample chromatograms (See Below) because the sample matrices affected the ability of the software to draw appropriate peak baselines.

Sample	Analyte	Value
769001012 (LS-SB-01-5.0)	Bromofluorobenzene	Result 43ug/kg

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2970509

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001001	LS-TB-031726
1206423698	Laboratory Control Sample (LCS) **Batch 2970509**
1206423699	Laboratory Control Sample Duplicate (LCSD)
1206423700	Method Blank (MB)
1206423713	Laboratory Control Sample (LCS)
1206423714	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCS/LCSD pair were analyzed in order to demonstrate precision and accuracy.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2964568

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2964565

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification

769001002	LS-SB-20-1.0
769001003	LS-SB-20-4.0
769001004	LS-SB-15-1.0
769001005	LS-SB-15-4.0
769001006	LS-SB-15-4.0-DP
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
769001010	LS-SB-40-3.0
769001011	LS-SB-01-2.0
769001012	LS-SB-01-5.0
769001013	LS-SB-14-1.0
769001014	LS-SB-14-1.0-DP
769001015	LS-SB-14-3.0
769001016	LS-SB-14-3.0-DP
769001017	LS-SB-02-2.0
769001018	LS-SB-02-4.0
1206412893	Method Blank (MB) **Batch 2964568**
1206412894	Laboratory Control Sample (LCS)
1206412895	769001002(LS-SB-20-1.0) Matrix Spike (MS)
1206412896	769001002(LS-SB-20-1.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206412894 (LCS)	Benzaldehyde	13* (21%-89%)

Spike Recovery Statement
The MS and/or MSD (See Below) spike recoveries were not within the acceptance limits. The associated MS or MSD passed recoveries, as did the LCS. It appears that the low spike recoveries were isolated to the MS or MSD only and were the result of a poor extraction.

Sample	Analyte	Value
1206412896 (LS-SB-20-1.0MSD)	Phenol	0* (16%-107%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value

1206412896 (LS-SB-20-1.0MSD)	4-Nitrophenol	0* (14%-122%)
	Hexachlorocyclopentadiene	10* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	1, 1'-Biphenyl	RPD 35* (0%-30%)
	1, 2, 4, 5-Tetrachlorobenzene	RPD 37* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 36* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 34* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 36* (0%-30%)
	2, 4-Dichlorophenol	RPD 35* (0%-30%)
	2, 4-Dimethylphenol	RPD 32* (0%-30%)
	2, 4-Dinitrotoluene	RPD 40* (0%-30%)
	2, 6-Dinitrotoluene	RPD 39* (0%-30%)
	2-Chloronaphthalene	RPD 36* (0%-30%)
	2-Chlorophenol	RPD 32* (0%-30%)
	2-Methyl-4, 6-dinitrophenol	RPD 59* (0%-30%)
	2-Methylnaphthalene	RPD 35* (0%-30%)
	2-Nitrophenol	RPD 40* (0%-30%)
	4-Bromophenylphenylether, 4-Chloro-3-methylphenol, 4-Chlorophenylphenylether	RPD 35* (0%-30%)
	Acenaphthene	RPD 36* (0%-30%)
	Acenaphthylene	RPD 35* (0%-30%)
	Acetophenone	RPD 33* (0%-30%)

	Anthracene	RPD 34* (0%-30%)
	Atrazine, Benzaldehyde	RPD 43* (0%-30%)
	Benzo(a)anthracene, Benzo(a)pyrene	RPD 32* (0%-30%)
	Benzo(b)fluoranthene	RPD 34* (0%-30%)
	Benzo(ghi)perylene, Benzo(k)fluoranthene	RPD 31* (0%-30%)
	Butylbenzylphthalate	RPD 35* (0%-30%)
	Carbazole	RPD 34* (0%-30%)
	Chrysene	RPD 33* (0%-30%)
	Di-n-butylphthalate	RPD 32* (0%-30%)
	Di-n-octylphthalate	RPD 35* (0%-30%)
	Dibenzofuran	RPD 36* (0%-30%)
	Diethylphthalate, Dimethylphthalate	RPD 35* (0%-30%)
	Diphenylamine	RPD 33* (0%-30%)
	Fluoranthene	RPD 32* (0%-30%)
	Fluorene	RPD 33* (0%-30%)
	Hexachlorobenzene	RPD 34* (0%-30%)
	Hexachlorobutadiene	RPD 40* (0%-30%)
	Hexachloroethane	RPD 39* (0%-30%)
	Indeno(1, 2, 3-cd)pyrene	RPD 31* (0%-30%)
	Isophorone	RPD 39* (0%-30%)
	N-Nitrosodipropylamine	RPD 35* (0%-30%)
	Naphthalene	RPD 36* (0%-30%)
	Nitrobenzene	RPD 37* (0%-30%)

	Phenanthrene, Pyrene	RPD 33* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 36* (0%-30%)
	bis(2-Chloroethoxy)methane	RPD 37* (0%-30%)
	bis(2-Chloroethyl) ether	RPD 32* (0%-30%)
	bis(2-Ethylhexyl)phthalate	RPD 34* (0%-30%)
	m, p-Cresols	RPD 32* (0%-30%)
	o-Cresol	RPD 34* (0%-30%)
	o-Nitroaniline	RPD 39* (0%-30%)
	p-Nitroaniline	RPD 34* (0%-30%)

The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	Phenol	RPD 200* (0%-30%)

The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	4-Nitrophenol	RPD 200* (0%-30%)
	Hexachlorocyclopentadiene	RPD 85* (0%-30%)

Technical Information

Sample Re-extraction/Re-analysis

Sample 769001009 (LS-SB-40-2.0) was re-extracted within holding due to surrogate failure. The re-extraction displayed similar low surrogate failures and confirmed the detections of target analytes detected in the initial extraction. As the re-extraction displayed higher recoveries, although with still a failure than the initial extraction, the re-extracted data were reported.

Miscellaneous Information

Manual Integrations

Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
769001007 (LS-SB-25-3.0)	2-Fluorophenol	Result 737ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2966002

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2966001

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001009	LS-SB-40-2.0
1206415630	Method Blank (MB) **Batch 2966002**
1206415631	Laboratory Control Sample (LCS)
1206415991	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted within holding and displayed similar low surrogate failures. The re-extraction confirmed the detections of target analytes detected in the initial extraction. As the re-extraction displayed higher recoveries, although with still a failure, than the initial extraction, the re-extracted data were reported.

Sample	Analyte	Value
769001009 (LS-SB-40-2.0)	2, 4, 6-Tribromophenol	18* (20%-104%)

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206415631 (LCS)	2-Methyl-4, 6-dinitrophenol	9* (21%-106%)
	Hexachlorocyclopentadiene	0* (26%-82%)
1206415991 (LCSD)	2, 4-Dinitrophenol	21* (22%-89%)
	2-Methyl-4, 6-dinitrophenol	7* (21%-106%)
	Benzaldehyde	20* (21%-89%)
	Hexachlorocyclopentadiene	0* (26%-82%)

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
769001009 (LS-SB-40-2.0)	2-Fluorophenol	Result 1070ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3541/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2965170

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2965167

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
1206414036	Method Blank (MB) **Batch 2965170**
1206414037	Laboratory Control Sample (LCS)
1206414038	769001007(LS-SB-25-3.0) Matrix Spike (MS)
1206414039	769001007(LS-SB-25-3.0) Matrix Spike Duplicate (MSD)
1206414040	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206414040 (LCS)	4cmx	Result 29.2ug/kg

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3541/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2968582

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2968581

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
1206419902	Method Blank (MB) **Batch 2968582**
1206419903	Laboratory Control Sample (LCS)

1206419904 768521001(NonSDG) Matrix Spike (MS)
1206419905 768521001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Sample Dilutions
Sample 769001007 (LS-SB-25-3.0) was diluted due to high concentration of target analyte in the sample.

Miscellaneous Information

Manual integrations
Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206419903 (LCS)	Aroclor-1016	Result 25.4ug/kg
	Aroclor-1260	Result 28.6ug/kg
	Decachlorobiphenyl	Result 5.22ug/kg
1206419904 (Non SDG 768521001MS)	4cmx	Result 4.08ug/kg
	Aroclor-1016	Result 22.6ug/kg
	Aroclor-1260	Result 25.4ug/kg
	Decachlorobiphenyl	Result 4.69ug/kg
1206419905 (Non SDG 768521001MSD)	4cmx	Result 3.85ug/kg
	Aroclor-1016	Result 23.2ug/kg
	Aroclor-1260	Result 26.6ug/kg
	Decachlorobiphenyl	Result 4.4ug/kg
769001007 (LS-SB-25-3.0)	4cmx	Result 4.79ug/kg
	Aroclor-1242	Result 334ug/kg
	Aroclor-1254	Result 122ug/kg
	Aroclor-1260	Result 79.3ug/kg
	Decachlorobiphenyl	Result 5.53ug/kg
769001008 (LS-SB-25-4.0)	4cmx	Result 4.23ug/kg

	Aroclor-1242	Result 30ug/kg
	Aroclor-1254	Result 21.6ug/kg
	Aroclor-1260	Result 21.8ug/kg
	Decachlorobiphenyl	Result 4.44ug/kg

Additional Comments
The lower results from either column have been chosen and reported in the data package for the client samples, MB and LCS. The data reported for the MS/MSD are from the same analytical column as the parent sample.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2964231

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2964230

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001002	LS-SB-20-1.0
769001003	LS-SB-20-4.0
769001004	LS-SB-15-1.0
769001005	LS-SB-15-4.0
769001006	LS-SB-15-4.0-DP
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
769001009	LS-SB-40-2.0
769001010	LS-SB-40-3.0
769001011	LS-SB-01-2.0
769001012	LS-SB-01-5.0
769001013	LS-SB-14-1.0
769001014	LS-SB-14-1.0-DP
769001015	LS-SB-14-3.0
769001016	LS-SB-14-3.0-DP
769001017	LS-SB-02-2.0
769001018	LS-SB-02-4.0
1206412118	Method Blank (MB)**ICP Batch 2964231**
1206412119	Laboratory Control Sample (LCS)
1206412123	769001002(LS-SB-20-1.0L) Serial Dilution (SD)
1206412120	769001002(LS-SB-20-1.0S) Matrix Spike (MS)
1206412121	769001002(LS-SB-20-1.0SD) Matrix Spike Duplicate (MSD)
1206412122	769001002(LS-SB-20-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206412120 (LS-SB-20-1.0MS)	Copper	71.7* (75%-125%)
	Zinc	50.5* (75%-125%)
1206412121 (LS-SB-20-1.0MSD)	Chromium	127* (75%-125%)
	Copper	162* (75%-125%)
	Zinc	183* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206412120MS and 1206412121MSD (LS-SB-20-1.0)	Chromium	RPD 32.9* (0%-20%)
	Copper	RPD 47.7* (0%-20%)
	Iron	RPD 81.3* (0%-20%)
	Lead	RPD 23.1* (0%-20%)
	Manganese	RPD 76.1* (0%-20%)
	Nickel	RPD 20.7* (0%-20%)
	Zinc	RPD 55.2* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of iron and manganese within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 769001007 (LS-SB-25-3.0), 769001008 (LS-SB-25-4.0), 769001009 (LS-SB-40-2.0) and 769001017 (LS-SB-02-2.0).

Analyte	769001			
	007	008	009	017
Aluminum	10X		10X	10X
Antimony	10X		10X	10X
Arsenic	10X		10X	10X
Barium	10X		10X	10X
Beryllium	10X		10X	10X
Cadmium	10X		10X	10X
Calcium	10X		10X	10X
Chromium	10X		10X	10X
Cobalt	10X		10X	10X
Copper	10X		10X	10X
Iron	10X		10X	10X
Lead	10X		10X	10X
Magnesium	10X		10X	10X
Manganese	50X	50X	50X	10X
Nickel	10X		10X	10X
Potassium	10X		10X	10X
Selenium	10X		10X	10X
Silver	10X		10X	10X
Sodium	10X		10X	10X
Thallium	10X		10X	10X
Vanadium	10X		10X	10X
Zinc	10X		10X	10X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2966349

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2966346

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001002	LS-SB-20-1.0
769001003	LS-SB-20-4.0
769001004	LS-SB-15-1.0
769001005	LS-SB-15-4.0
769001006	LS-SB-15-4.0-DP
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
769001009	LS-SB-40-2.0
769001010	LS-SB-40-3.0

769001011	LS-SB-01-2.0
769001012	LS-SB-01-5.0
769001013	LS-SB-14-1.0
769001014	LS-SB-14-1.0-DP
769001015	LS-SB-14-3.0
769001016	LS-SB-14-3.0-DP
769001017	LS-SB-02-2.0
769001018	LS-SB-02-4.0
1206416290	Method Blank (MB)**CVAA Batch 2966349**
1206416291	Laboratory Control Sample (LCS)
1206416292	769001002(LS-SB-20-1.0D) Sample Duplicate (DUP)
1206416293	769001002(LS-SB-20-1.0S) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2965895

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2965892

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
1206415433	Method Blank (MB) **Batch 2965895**
1206415434	Laboratory Control Sample (LCS)
1206415437	769063005(NonSDG) Sample Duplicate (DUP)
1206415438	769063005(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following sample 1206415434 (LCS) was diluted because target analyte concentrations exceeded the calibration

range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Miscellaneous Information

Manual Integrations
Sample 1206415434 (LCS) was manually integrated to correctly position the baseline as set in the calibration standards.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2968525

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2968524

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001002	LS-SB-20-1.0
769001003	LS-SB-20-4.0
769001004	LS-SB-15-1.0
769001005	LS-SB-15-4.0
769001006	LS-SB-15-4.0-DP
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
769001009	LS-SB-40-2.0
769001010	LS-SB-40-3.0
769001011	LS-SB-01-2.0
769001012	LS-SB-01-5.0
769001013	LS-SB-14-1.0
769001014	LS-SB-14-1.0-DP
1206419799	Method Blank (MB) **Batch 2968525**
1206419800	Laboratory Control Sample (LCS)
1206419801	769001012(LS-SB-01-5.0) Sample Duplicate (DUP)
1206419802	769001012(LS-SB-01-5.0) Matrix Spike (MS)
1206422229	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A

Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2969515

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2969514

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001015	LS-SB-14-3.0
769001016	LS-SB-14-3.0-DP
769001017	LS-SB-02-2.0
769001018	LS-SB-02-4.0
1206421788	Method Blank (MB) **Batch 2969515**
1206421789	Laboratory Control Sample (LCS)
1206421790	769063001(NonSDG) Sample Duplicate (DUP)
1206421791	769063001(NonSDG) Matrix Spike (MS)
1206421794	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206421791 (Non SDG 769063001MS)	68.9* (75%-125%)

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2964235

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769001002	LS-SB-20-1.0
769001003	LS-SB-20-4.0
769001004	LS-SB-15-1.0
769001005	LS-SB-15-4.0

769001006	LS-SB-15-4.0-DP
769001007	LS-SB-25-3.0
769001008	LS-SB-25-4.0
769001009	LS-SB-40-2.0
769001010	LS-SB-40-3.0
769001011	LS-SB-01-2.0
769001012	LS-SB-01-5.0
769001013	LS-SB-14-1.0
769001014	LS-SB-14-1.0-DP
769001015	LS-SB-14-3.0
769001016	LS-SB-14-3.0-DP
769001017	LS-SB-02-2.0
769001018	LS-SB-02-4.0
1206412129	768857001(NonSDG) Sample Duplicate (DUP) **Batch 2964235**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 08, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Groundwater and Surface Water Sampling
Work Order: 769624

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 24, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 769624 GEL Work Order: 769624

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

B The target analyte was detected in the associated blank.

E Concentration of the target analyte exceeds the instrument calibration range

J Value is estimated

P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-2.0-DP	Project:	RVDE00226C
Sample ID:	769624001	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 14:42		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	11.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		133	8.05	24.0	ug/kg	106	1	PB1	03/27/26	1319	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		6810000	7250	21300	ug/kg	94.0	1	EM2	03/30/26	1507	2967012	2
Beryllium	J	397	107	533	ug/kg	94.0	1					
Sodium		269000	7460	26600	ug/kg	94.0	1					
Thallium	U	ND	533	2130	ug/kg	94.0	1					
Antimony	J	3290	1760	10700	ug/kg	94.0	5	EM2	04/02/26	1553	2967012	3
Arsenic	J	13000	2660	16000	ug/kg	94.0	5					
Barium		96500	533	2660	ug/kg	94.0	5					
Cadmium	J	2400	533	2660	ug/kg	94.0	5					
Calcium		66200000	42600	133000	ug/kg	94.0	5					
Chromium		276000	799	5330	ug/kg	94.0	5					
Cobalt		6320	799	2660	ug/kg	94.0	5					
Copper		153000	1600	10700	ug/kg	94.0	5					
Iron		67600000	42600	133000	ug/kg	94.0	5					
Lead		137000	1760	10700	ug/kg	94.0	5					
Magnesium		11700000	45300	160000	ug/kg	94.0	5					
Nickel		34900	799	2660	ug/kg	94.0	5					
Potassium		541000	34100	133000	ug/kg	94.0	5					
Selenium	J	12700	2660	16000	ug/kg	94.0	5					
Silver		9700	533	2660	ug/kg	94.0	5					
Vanadium		143000	533	2660	ug/kg	94.0	5					
Zinc		442000	2130	10700	ug/kg	94.0	5					
Manganese		4410000	2130	10700	ug/kg	94.0	10	EM2	04/03/26	0934	2967012	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	376	ug/kg	0.0332	1	BM1	04/02/26	1652	2970789	5
1,2,4,5-Tetrachlorobenzene	U	ND	113	376	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	376	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	113	376	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	113	376	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	113	376	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	113	376	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	113	753	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-2.0-DP
Sample ID: 769624001
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	376	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	113	376	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	11.3	37.6	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	113	376	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	376	ug/kg	0.0332	1					
2-Methylnaphthalene	J	27.1	11.3	37.6	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	113	376	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	113	376	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	113	376	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	151	376	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	113	376	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	113	376	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	113	376	ug/kg	0.0332	1					
Acenaphthene	U	ND	11.3	37.6	ug/kg	0.0332	1					
Acenaphthylene	J	17.3	11.3	37.6	ug/kg	0.0332	1					
Acetophenone	U	ND	113	376	ug/kg	0.0332	1					
Anthracene	J	21.5	11.3	37.6	ug/kg	0.0332	1					
Atrazine	U	ND	151	376	ug/kg	0.0332	1					
Benzaldehyde	U	ND	113	376	ug/kg	0.0332	1					
Benzo(a)anthracene		64.4	11.3	37.6	ug/kg	0.0332	1					
Benzo(a)pyrene		57.2	11.3	37.6	ug/kg	0.0332	1					
Benzo(b)fluoranthene		142	11.3	37.6	ug/kg	0.0332	1					
Benzo(ghi)perylene		70.4	11.3	37.6	ug/kg	0.0332	1					
Benzo(k)fluoranthene		46.3	11.3	37.6	ug/kg	0.0332	1					
Butylbenzylphthalate		60.6	11.3	37.6	ug/kg	0.0332	1					
Carbazole	U	ND	11.3	37.6	ug/kg	0.0332	1					
Chrysene		102	11.3	37.6	ug/kg	0.0332	1					
Di-n-butylphthalate	J	16.6	11.3	37.6	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	11.3	37.6	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	J	14.7	11.3	37.6	ug/kg	0.0332	1					
Dibenzofuran	U	ND	113	376	ug/kg	0.0332	1					
Diethylphthalate	U	ND	11.3	37.6	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	11.3	37.6	ug/kg	0.0332	1					
Diphenylamine	U	ND	113	376	ug/kg	0.0332	1					
Fluoranthene		131	11.3	37.6	ug/kg	0.0332	1					
Fluorene	U	ND	11.3	37.6	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-2.0-DP
Sample ID: 769624001
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	376	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	113	376	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	113	376	ug/kg	0.0332	1					
Hexachloroethane	U	ND	113	376	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene		67.0	11.3	37.6	ug/kg	0.0332	1					
Isophorone	U	ND	113	376	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	113	376	ug/kg	0.0332	1					
Naphthalene	J	15.8	11.3	37.6	ug/kg	0.0332	1					
Nitrobenzene	U	ND	113	376	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	113	376	ug/kg	0.0332	1					
Phenanthrene		89.2	11.3	37.6	ug/kg	0.0332	1					
Phenol	U	ND	113	376	ug/kg	0.0332	1					
Pyrene		132	11.3	37.6	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	376	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	113	376	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	113	376	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate		108	11.3	37.6	ug/kg	0.0332	1					
m,p-Cresols	U	ND	113	376	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	113	376	ug/kg	0.0332	1					
o-Cresol	U	ND	113	376	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	124	376	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	113	376	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.134	0.336	mg/kg	29.6	1	BR2	04/07/26	1418	2971614	6

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-2.0-DP	Project:	RVDE00226C
Sample ID:	769624001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	1880	56	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1880	62	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1300 ug/kg	1880	69	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2420 ug/kg	3760	64	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2380 ug/kg	3760	63	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2330 ug/kg	3760	62	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-4.0	Project:	RVDE00226C
Sample ID:	769624002	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 14:55		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	11%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		41.5	8.96	26.8	ug/kg	119	1	PB1	03/27/26	0958	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		5430000	6900	20300	ug/kg	90.3	1	EM2	03/30/26	1455	2967012	2
Beryllium	J	251	101	507	ug/kg	90.3	1					
Sodium		132000	7100	25400	ug/kg	90.3	1					
Thallium	U	ND	507	2030	ug/kg	90.3	1					
Antimony	U	ND	3350	20300	ug/kg	90.3	10	EM2	03/30/26	1611	2967012	3
Arsenic	J	6730	5070	30400	ug/kg	90.3	10					
Barium		41000	1010	5070	ug/kg	90.3	10					
Cadmium	J	1680	1010	5070	ug/kg	90.3	10					
Calcium		47800000	81100	254000	ug/kg	90.3	10					
Chromium		240000	1520	10100	ug/kg	90.3	10					
Cobalt		6110	1520	5070	ug/kg	90.3	10					
Copper		194000	3040	20300	ug/kg	90.3	10					
Iron		85100000	81100	254000	ug/kg	90.3	10					
Lead		62900	3350	20300	ug/kg	90.3	10					
Magnesium		4570000	86200	304000	ug/kg	90.3	10					
Manganese		1920000	2030	10100	ug/kg	90.3	10					
Nickel		62400	1520	5070	ug/kg	90.3	10					
Potassium		290000	64900	254000	ug/kg	90.3	10					
Selenium	J	8360	5070	30400	ug/kg	90.3	10					
Silver	U	ND	1010	5070	ug/kg	90.3	10					
Vanadium		70600	1010	5070	ug/kg	90.3	10					
Zinc		339000	4060	20300	ug/kg	90.3	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	373	ug/kg	0.0332	1	BM1	04/02/26	1715	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	112	373	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	373	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	112	373	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	112	373	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	112	373	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	112	373	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	112	746	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0 Project: RVDE00226C
Sample ID: 769624002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	373	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	112	373	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	11.2	37.3	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	112	373	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	373	ug/kg	0.0332	1					
2-Methylnaphthalene		53.0	11.2	37.3	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	112	373	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	112	373	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	112	373	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	149	373	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	112	373	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	112	373	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	112	373	ug/kg	0.0332	1					
Acenaphthene		41.4	11.2	37.3	ug/kg	0.0332	1					
Acenaphthylene	U	ND	11.2	37.3	ug/kg	0.0332	1					
Acetophenone	U	ND	112	373	ug/kg	0.0332	1					
Anthracene	J	22.4	11.2	37.3	ug/kg	0.0332	1					
Atrazine	U	ND	149	373	ug/kg	0.0332	1					
Benzaldehyde	U	ND	112	373	ug/kg	0.0332	1					
Benzo(a)anthracene		54.5	11.2	37.3	ug/kg	0.0332	1					
Benzo(a)pyrene		47.4	11.2	37.3	ug/kg	0.0332	1					
Benzo(b)fluoranthene		78.3	11.2	37.3	ug/kg	0.0332	1					
Benzo(ghi)perylene	J	35.8	11.2	37.3	ug/kg	0.0332	1					
Benzo(k)fluoranthene	J	24.6	11.2	37.3	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	11.2	37.3	ug/kg	0.0332	1					
Carbazole	U	ND	11.2	37.3	ug/kg	0.0332	1					
Chrysene		67.9	11.2	37.3	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	11.2	37.3	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	11.2	37.3	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.3	ug/kg	0.0332	1					
Dibenzofuran	U	ND	112	373	ug/kg	0.0332	1					
Diethylphthalate	U	ND	11.2	37.3	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	11.2	37.3	ug/kg	0.0332	1					
Diphenylamine	U	ND	112	373	ug/kg	0.0332	1					
Fluoranthene		142	11.2	37.3	ug/kg	0.0332	1					
Fluorene	J	31.3	11.2	37.3	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0 Project: RVDE00226C
Sample ID: 769624002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	373	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	112	373	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	112	373	ug/kg	0.0332	1					
Hexachloroethane	U	ND	112	373	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	33.9	11.2	37.3	ug/kg	0.0332	1					
Isophorone	U	ND	112	373	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	112	373	ug/kg	0.0332	1					
Naphthalene	J	28.7	11.2	37.3	ug/kg	0.0332	1					
Nitrobenzene	U	ND	112	373	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	112	373	ug/kg	0.0332	1					
Phenanthrene		146	11.2	37.3	ug/kg	0.0332	1					
Phenol	U	ND	112	373	ug/kg	0.0332	1					
Pyrene		124	11.2	37.3	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	373	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	112	373	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	112	373	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate		38.8	11.2	37.3	ug/kg	0.0332	1					
m,p-Cresols	U	ND	112	373	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	112	373	ug/kg	0.0332	1					
o-Cresol	U	ND	112	373	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	123	373	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	112	373	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.145	0.362	mg/kg	32.2	1	BR2	04/07/26	1418	2971614	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.326	0.980	ug/kg	0.873	1	CO1	04/03/26	1009	2972240	6
1,1,2,2-Tetrachloroethane	U	ND	0.326	0.980	ug/kg	0.873	1					
1,1,2-Trichloroethane	U	ND	0.326	0.980	ug/kg	0.873	1					
1,1-Dichloroethane	U	ND	0.326	0.980	ug/kg	0.873	1					
1,1-Dichloroethylene	U	ND	0.326	0.980	ug/kg	0.873	1					
1,2,3-Trichlorobenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
1,2,4-Trichlorobenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
1,2-Dibromo-3-chloropropane	U	ND	0.490	0.980	ug/kg	0.873	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0 Project: RVDE00226C
Sample ID: 769624002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.326	0.980	ug/kg	0.873	1					
1,2-Dichlorobenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
1,2-Dichloroethane	U	ND	0.326	0.980	ug/kg	0.873	1					
1,2-Dichloropropane	U	ND	0.326	0.980	ug/kg	0.873	1					
1,3-Dichlorobenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
1,4-Dichlorobenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
1,4-Dioxane	U	ND	16.3	49.0	ug/kg	0.873	1					
2-Butanone	J	3.49	1.63	4.90	ug/kg	0.873	1					
2-Hexanone	U	ND	1.63	4.90	ug/kg	0.873	1					
4-Methyl-2-pentanone	U	ND	1.63	4.90	ug/kg	0.873	1					
Acetone		29.1	1.63	4.90	ug/kg	0.873	1					
Benzene	J	0.333	0.326	0.980	ug/kg	0.873	1					
Bromochloromethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Bromodichloromethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Bromoform	U	ND	0.326	0.980	ug/kg	0.873	1					
Bromomethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Carbon disulfide	J	1.81	1.63	4.90	ug/kg	0.873	1					
Carbon tetrachloride	U	ND	0.326	0.980	ug/kg	0.873	1					
Chlorobenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
Chloroethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Chloroform	U	ND	0.326	0.980	ug/kg	0.873	1					
Chloromethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Cyclohexane	U	ND	0.326	0.980	ug/kg	0.873	1					
Dibromochloromethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Dichlorodifluoromethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Ethylbenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
Isopropylbenzene	U	ND	0.326	0.980	ug/kg	0.873	1					
Methyl acetate	U	ND	1.63	4.90	ug/kg	0.873	1					
Methylcyclohexane	U	ND	0.326	0.980	ug/kg	0.873	1					
Methylene chloride	U	ND	1.63	4.90	ug/kg	0.873	1					
Styrene	U	ND	0.326	0.980	ug/kg	0.873	1					
Tetrachloroethylene	U	ND	0.326	0.980	ug/kg	0.873	1					
Toluene	J	0.471	0.326	0.980	ug/kg	0.873	1					
Trichloroethylene	U	ND	0.326	0.980	ug/kg	0.873	1					
Trichlorofluoromethane	U	ND	0.326	0.980	ug/kg	0.873	1					
Trichlorotrifluoroethane	U	ND	1.63	4.90	ug/kg	0.873	1					

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-4.0	Project:	RVDE00226C
Sample ID:	769624002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.326	0.980	ug/kg	0.873	1					
cis-1,2-Dichloroethylene	U	ND	0.326	0.980	ug/kg	0.873	1					
cis-1,3-Dichloropropylene	U	ND	0.326	0.980	ug/kg	0.873	1					
m,p-Xylenes	U	ND	0.654	1.96	ug/kg	0.873	1					
o-Xylene	U	ND	0.326	0.980	ug/kg	0.873	1					
tert-Butyl methyl ether	U	ND	0.326	0.980	ug/kg	0.873	1					
trans-1,2-Dichloroethylene	U	ND	0.326	0.980	ug/kg	0.873	1					
trans-1,3-Dichloropropylene	U	ND	0.326	0.980	ug/kg	0.873	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 5035	5035 Prep	CO1	03/23/26	1455	2972238
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1010 ug/kg	1870	54	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1120 ug/kg	1870	60	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1280 ug/kg	1870	69	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	864 ug/kg	3730	23	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2330 ug/kg	3730	63	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2110 ug/kg	3730	57	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	43.7 ug/kg	50.0	89	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	46.1 ug/kg	50.0	94	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-4.0	Project:	RVDE00226C
Sample ID:	769624002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		46.6	ug/kg	50.0		95		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-4.0-DP	Project:	RVDE00226C
Sample ID:	769624003	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 14:57		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	11.6%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		36.6	8.52	25.4	ug/kg	112	1	PB1	03/27/26	1005	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		5370000	6890	20300	ug/kg	89.6	1	EM2	03/30/26	1510	2967012	2
Antimony	J	1270	335	2030	ug/kg	89.6	1					
Arsenic		8710	507	3040	ug/kg	89.6	1					
Barium		36900	101	507	ug/kg	89.6	1					
Beryllium	J	212	101	507	ug/kg	89.6	1					
Cadmium		805	101	507	ug/kg	89.6	1					
Calcium		42200000	8110	25300	ug/kg	89.6	1					
Chromium		214000	152	1010	ug/kg	89.6	1					
Cobalt		3680	152	507	ug/kg	89.6	1					
Copper		87600	304	2030	ug/kg	89.6	1					
Iron		42400000	8110	25300	ug/kg	89.6	1					
Lead		27600	335	2030	ug/kg	89.6	1					
Magnesium		3420000	8620	30400	ug/kg	89.6	1					
Nickel		49700	152	507	ug/kg	89.6	1					
Potassium		270000	6490	25300	ug/kg	89.6	1					
Selenium	J	1020	507	3040	ug/kg	89.6	1					
Silver	J	436	101	507	ug/kg	89.6	1					
Sodium		125000	7100	25300	ug/kg	89.6	1					
Thallium	U	ND	507	2030	ug/kg	89.6	1					
Vanadium		27200	101	507	ug/kg	89.6	1					
Zinc		96200	406	2030	ug/kg	89.6	1					
Manganese		1320000	1010	5070	ug/kg	89.6	5	EM2	04/02/26	1555	2967012	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	372	ug/kg	0.0329	1	BM1	04/02/26	1821	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	112	372	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	112	372	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	112	744	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0-DP
Sample ID: 769624003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	372	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	112	372	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.2	37.2	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	372	ug/kg	0.0329	1					
2-Methylnaphthalene		55.5	11.2	37.2	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	112	372	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	112	372	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	112	372	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	149	372	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	112	372	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	112	372	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	112	372	ug/kg	0.0329	1					
Acenaphthene		42.4	11.2	37.2	ug/kg	0.0329	1					
Acenaphthylene	J	12.3	11.2	37.2	ug/kg	0.0329	1					
Acetophenone	U	ND	112	372	ug/kg	0.0329	1					
Anthracene	J	25.7	11.2	37.2	ug/kg	0.0329	1					
Atrazine	U	ND	149	372	ug/kg	0.0329	1					
Benzaldehyde	U	ND	112	372	ug/kg	0.0329	1					
Benzo(a)anthracene		54.3	11.2	37.2	ug/kg	0.0329	1					
Benzo(a)pyrene		45.0	11.2	37.2	ug/kg	0.0329	1					
Benzo(b)fluoranthene		80.4	11.2	37.2	ug/kg	0.0329	1					
Benzo(ghi)perylene		38.3	11.2	37.2	ug/kg	0.0329	1					
Benzo(k)fluoranthene	J	26.1	11.2	37.2	ug/kg	0.0329	1					
Butylbenzylphthalate	J	16.4	11.2	37.2	ug/kg	0.0329	1					
Carbazole	U	ND	11.2	37.2	ug/kg	0.0329	1					
Chrysene		70.0	11.2	37.2	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Dibenzofuran	U	ND	112	372	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Diphenylamine	U	ND	112	372	ug/kg	0.0329	1					
Fluoranthene		153	11.2	37.2	ug/kg	0.0329	1					
Fluorene	J	31.3	11.2	37.2	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0-DP
Sample ID: 769624003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	372	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	112	372	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	112	372	ug/kg	0.0329	1					
Hexachloroethane	U	ND	112	372	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	J	35.7	11.2	37.2	ug/kg	0.0329	1					
Isophorone	U	ND	112	372	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	112	372	ug/kg	0.0329	1					
Naphthalene	J	30.9	11.2	37.2	ug/kg	0.0329	1					
Nitrobenzene	U	ND	112	372	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	112	372	ug/kg	0.0329	1					
Phenanthrene		150	11.2	37.2	ug/kg	0.0329	1					
Phenol	U	ND	112	372	ug/kg	0.0329	1					
Pyrene		133	11.2	37.2	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	372	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	112	372	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	112	372	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate		54.0	11.2	37.2	ug/kg	0.0329	1					
m,p-Cresols	U	ND	112	372	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	112	372	ug/kg	0.0329	1					
o-Cresol	U	ND	112	372	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	123	372	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	112	372	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.163	0.407	mg/kg	35.9	1	BR2	04/07/26	1418	2971614	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.328	0.986	ug/kg	0.871	1	CO1	04/03/26	1034	2972240	6
1,1,2,2-Tetrachloroethane	U	ND	0.328	0.986	ug/kg	0.871	1					
1,1,2-Trichloroethane	U	ND	0.328	0.986	ug/kg	0.871	1					
1,1-Dichloroethane	U	ND	0.328	0.986	ug/kg	0.871	1					
1,1-Dichloroethylene	U	ND	0.328	0.986	ug/kg	0.871	1					
1,2,3-Trichlorobenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
1,2,4-Trichlorobenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
1,2-Dibromo-3-chloropropane	U	ND	0.493	0.986	ug/kg	0.871	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0-DP
Sample ID: 769624003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.328	0.986	ug/kg	0.871	1					
1,2-Dichlorobenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
1,2-Dichloroethane	U	ND	0.328	0.986	ug/kg	0.871	1					
1,2-Dichloropropane	U	ND	0.328	0.986	ug/kg	0.871	1					
1,3-Dichlorobenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
1,4-Dichlorobenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
1,4-Dioxane	U	ND	16.4	49.3	ug/kg	0.871	1					
2-Butanone	J	2.48	1.64	4.93	ug/kg	0.871	1					
2-Hexanone	U	ND	1.64	4.93	ug/kg	0.871	1					
4-Methyl-2-pentanone	U	ND	1.64	4.93	ug/kg	0.871	1					
Acetone		29.2	1.64	4.93	ug/kg	0.871	1					
Benzene	U	ND	0.328	0.986	ug/kg	0.871	1					
Bromochloromethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Bromodichloromethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Bromoform	U	ND	0.328	0.986	ug/kg	0.871	1					
Bromomethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Carbon disulfide	U	ND	1.64	4.93	ug/kg	0.871	1					
Carbon tetrachloride	U	ND	0.328	0.986	ug/kg	0.871	1					
Chlorobenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
Chloroethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Chloroform	U	ND	0.328	0.986	ug/kg	0.871	1					
Chloromethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Cyclohexane	U	ND	0.328	0.986	ug/kg	0.871	1					
Dibromochloromethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Dichlorodifluoromethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Ethylbenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
Isopropylbenzene	U	ND	0.328	0.986	ug/kg	0.871	1					
Methyl acetate	U	ND	1.64	4.93	ug/kg	0.871	1					
Methylcyclohexane	U	ND	0.328	0.986	ug/kg	0.871	1					
Methylene chloride	U	ND	1.64	4.93	ug/kg	0.871	1					
Styrene	U	ND	0.328	0.986	ug/kg	0.871	1					
Tetrachloroethylene	U	ND	0.328	0.986	ug/kg	0.871	1					
Toluene	J	0.365	0.328	0.986	ug/kg	0.871	1					
Trichloroethylene	U	ND	0.328	0.986	ug/kg	0.871	1					
Trichlorofluoromethane	U	ND	0.328	0.986	ug/kg	0.871	1					
Trichlorotrifluoroethane	U	ND	1.64	4.93	ug/kg	0.871	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0-DP
Sample ID: 769624003
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.328	0.986	ug/kg	0.871	1					
cis-1,2-Dichloroethylene	U	ND	0.328	0.986	ug/kg	0.871	1					
cis-1,3-Dichloropropylene	U	ND	0.328	0.986	ug/kg	0.871	1					
m,p-Xylenes	U	ND	0.658	1.97	ug/kg	0.871	1					
o-Xylene	U	ND	0.328	0.986	ug/kg	0.871	1					
tert-Butyl methyl ether	U	ND	0.328	0.986	ug/kg	0.871	1					
trans-1,2-Dichloroethylene	U	ND	0.328	0.986	ug/kg	0.871	1					
trans-1,3-Dichloropropylene	U	ND	0.328	0.986	ug/kg	0.871	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 5035	5035 Prep	CO1	03/23/26	1457	2972238
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1020 ug/kg	1860	55	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1080 ug/kg	1860	58	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	1860	68	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	3720	28	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2240 ug/kg	3720	60	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2120 ug/kg	3720	57	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.5 ug/kg	50.0	90	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	46.7 ug/kg	50.0	95	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-4.0-DP	Project:	RVDE00226C
Sample ID:	769624003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		47.2	ug/kg	50.0		96		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-31-3.0	Project:	RVDE00226C
Sample ID:	769624004	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 16:05		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	11.3%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	19.7	7.76	23.2	ug/kg	103	1	PB1	03/27/26	1007	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3660000	70600	208000	ug/kg	92.1	10	EM2	03/30/26	1518	2967012	2
Antimony	U	ND	3420	20800	ug/kg	92.1	10					
Arsenic	U	ND	5190	31100	ug/kg	92.1	10					
Barium		29700	1040	5190	ug/kg	92.1	10					
Beryllium	U	ND	1040	5190	ug/kg	92.1	10					
Cadmium	U	ND	1040	5190	ug/kg	92.1	10					
Calcium		12500000	83000	259000	ug/kg	92.1	10					
Chromium		71100	1560	10400	ug/kg	92.1	10					
Cobalt	J	4030	1560	5190	ug/kg	92.1	10					
Copper	J	10400	3110	20800	ug/kg	92.1	10					
Iron		274000000	83000	259000	ug/kg	92.1	10					
Lead	J	10600	3420	20800	ug/kg	92.1	10					
Magnesium		1220000	88200	311000	ug/kg	92.1	10					
Manganese		738000	2080	10400	ug/kg	92.1	10					
Nickel		7020	1560	5190	ug/kg	92.1	10					
Potassium	J	251000	66400	259000	ug/kg	92.1	10					
Selenium	J	6480	5190	31100	ug/kg	92.1	10					
Silver	U	ND	1040	5190	ug/kg	92.1	10					
Sodium	J	92200	72600	259000	ug/kg	92.1	10					
Thallium	U	ND	5190	20800	ug/kg	92.1	10					
Vanadium		32700	1040	5190	ug/kg	92.1	10					
Zinc		30000	4150	20800	ug/kg	92.1	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	372	ug/kg	0.0330	1	BM1	04/02/26	1843	2970789	3
1,2,4,5-Tetrachlorobenzene	U	ND	112	372	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	372	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	112	372	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	112	372	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	112	372	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	112	372	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	112	745	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-31-3.0 Project: RVDE00226C
Sample ID: 769624004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	372	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	112	372	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	11.2	37.2	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	112	372	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	372	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	11.2	37.2	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	112	372	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	112	372	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	112	372	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	149	372	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	112	372	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	112	372	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	112	372	ug/kg	0.0330	1					
Acenaphthene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Acenaphthylene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Acetophenone	U	ND	112	372	ug/kg	0.0330	1					
Anthracene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Atrazine	U	ND	149	372	ug/kg	0.0330	1					
Benzaldehyde	U	ND	112	372	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	11.2	37.2	ug/kg	0.0330	1					
Carbazole	U	ND	11.2	37.2	ug/kg	0.0330	1					
Chrysene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	11.2	37.2	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	11.2	37.2	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Dibenzofuran	U	ND	112	372	ug/kg	0.0330	1					
Diethylphthalate	U	ND	11.2	37.2	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	11.2	37.2	ug/kg	0.0330	1					
Diphenylamine	U	ND	112	372	ug/kg	0.0330	1					
Fluoranthene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Fluorene	U	ND	11.2	37.2	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-31-3.0 Project: RVDE00226C
Sample ID: 769624004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	372	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	112	372	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	112	372	ug/kg	0.0330	1					
Hexachloroethane	U	ND	112	372	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Isophorone	U	ND	112	372	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	112	372	ug/kg	0.0330	1					
Naphthalene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Nitrobenzene	U	ND	112	372	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	112	372	ug/kg	0.0330	1					
Phenanthrene	U	ND	11.2	37.2	ug/kg	0.0330	1					
Phenol	U	ND	112	372	ug/kg	0.0330	1					
Pyrene	U	ND	11.2	37.2	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	372	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	112	372	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	112	372	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	J	11.2	11.2	37.2	ug/kg	0.0330	1					
m,p-Cresols	U	ND	112	372	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	112	372	ug/kg	0.0330	1					
o-Cresol	U	ND	112	372	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	123	372	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	112	372	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.122	0.305	mg/kg	27.0	1	BR2	04/07/26	1418	2971614	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.304	0.912	ug/kg	0.810	1	CO1	04/03/26	1100	2972240	5
1,1,2,2-Tetrachloroethane	U	ND	0.304	0.912	ug/kg	0.810	1					
1,1,2-Trichloroethane	U	ND	0.304	0.912	ug/kg	0.810	1					
1,1-Dichloroethane	U	ND	0.304	0.912	ug/kg	0.810	1					
1,1-Dichloroethylene	U	ND	0.304	0.912	ug/kg	0.810	1					
1,2,3-Trichlorobenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
1,2,4-Trichlorobenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
1,2-Dibromo-3-chloropropane	U	ND	0.456	0.912	ug/kg	0.810	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-31-3.0 Project: RVDE00226C
Sample ID: 769624004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.304	0.912	ug/kg	0.810	1					
1,2-Dichlorobenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
1,2-Dichloroethane	U	ND	0.304	0.912	ug/kg	0.810	1					
1,2-Dichloropropane	U	ND	0.304	0.912	ug/kg	0.810	1					
1,3-Dichlorobenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
1,4-Dichlorobenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
1,4-Dioxane	U	ND	15.2	45.6	ug/kg	0.810	1					
2-Butanone	U	ND	1.52	4.56	ug/kg	0.810	1					
2-Hexanone	U	ND	1.52	4.56	ug/kg	0.810	1					
4-Methyl-2-pentanone	U	ND	1.52	4.56	ug/kg	0.810	1					
Acetone	J	3.92	1.52	4.56	ug/kg	0.810	1					
Benzene	U	ND	0.304	0.912	ug/kg	0.810	1					
Bromochloromethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Bromodichloromethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Bromoform	U	ND	0.304	0.912	ug/kg	0.810	1					
Bromomethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Carbon disulfide	U	ND	1.52	4.56	ug/kg	0.810	1					
Carbon tetrachloride	U	ND	0.304	0.912	ug/kg	0.810	1					
Chlorobenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
Chloroethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Chloroform	U	ND	0.304	0.912	ug/kg	0.810	1					
Chloromethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Cyclohexane	U	ND	0.304	0.912	ug/kg	0.810	1					
Dibromochloromethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Dichlorodifluoromethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Ethylbenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
Isopropylbenzene	U	ND	0.304	0.912	ug/kg	0.810	1					
Methyl acetate	U	ND	1.52	4.56	ug/kg	0.810	1					
Methylcyclohexane	U	ND	0.304	0.912	ug/kg	0.810	1					
Methylene chloride	U	ND	1.52	4.56	ug/kg	0.810	1					
Styrene	U	ND	0.304	0.912	ug/kg	0.810	1					
Tetrachloroethylene	U	ND	0.304	0.912	ug/kg	0.810	1					
Toluene	U	ND	0.304	0.912	ug/kg	0.810	1					
Trichloroethylene	U	ND	0.304	0.912	ug/kg	0.810	1					
Trichlorofluoromethane	U	ND	0.304	0.912	ug/kg	0.810	1					
Trichlorotrifluoroethane	U	ND	1.52	4.56	ug/kg	0.810	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-31-3.0 Project: RVDE00226C
Sample ID: 769624004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.304	0.912	ug/kg	0.810	1					
cis-1,2-Dichloroethylene	U	ND	0.304	0.912	ug/kg	0.810	1					
cis-1,3-Dichloropropylene	U	ND	0.304	0.912	ug/kg	0.810	1					
m,p-Xylenes	U	ND	0.609	1.82	ug/kg	0.810	1					
o-Xylene	U	ND	0.304	0.912	ug/kg	0.810	1					
tert-Butyl methyl ether	U	ND	0.304	0.912	ug/kg	0.810	1					
trans-1,2-Dichloroethylene	U	ND	0.304	0.912	ug/kg	0.810	1					
trans-1,3-Dichloropropylene	U	ND	0.304	0.912	ug/kg	0.810	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	CO1	03/23/26	1605	2972238
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1040 ug/kg	1860	56	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1860	61	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1350 ug/kg	1860	73	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2810 ug/kg	3720	75	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2360 ug/kg	3720	63	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2370 ug/kg	3720	64	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	40.8 ug/kg	50.0	90	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.7 ug/kg	50.0	94	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	43.4 ug/kg	50.0	95	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-31-3.0	Project:	RVDE00226C
Sample ID:	769624004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
		Corrected"										

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-26-2.0	Project:	RVDE00226C
Sample ID:	769624005	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 17:00		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	11%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	11.8	9.00	26.9	ug/kg	120	1	PB1	03/27/26	1008	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		11400000	75200	221000	ug/kg	98.4	10	EM2	03/30/26	1521	2967012	2
Antimony	J	3690	3650	22100	ug/kg	98.4	10					
Arsenic	J	16700	5530	33200	ug/kg	98.4	10					
Barium		200000	1110	5530	ug/kg	98.4	10					
Beryllium	J	1130	1110	5530	ug/kg	98.4	10					
Cadmium	J	2940	1110	5530	ug/kg	98.4	10					
Calcium		190000000	88500	276000	ug/kg	98.4	10					
Chromium		510000	1660	11100	ug/kg	98.4	10					
Cobalt		24700	1660	5530	ug/kg	98.4	10					
Copper		359000	3320	22100	ug/kg	98.4	10					
Iron		231000000	88500	276000	ug/kg	98.4	10					
Lead		58200	3650	22100	ug/kg	98.4	10					
Magnesium		18900000	94000	332000	ug/kg	98.4	10					
Nickel		141000	1660	5530	ug/kg	98.4	10					
Potassium		372000	70800	276000	ug/kg	98.4	10					
Selenium	J	13600	5530	33200	ug/kg	98.4	10					
Silver	J	1730	1110	5530	ug/kg	98.4	10					
Sodium		412000	77400	276000	ug/kg	98.4	10					
Thallium	U	ND	5530	22100	ug/kg	98.4	10					
Vanadium		226000	1110	5530	ug/kg	98.4	10					
Zinc		303000	4420	22100	ug/kg	98.4	10					
Manganese		10800000	4420	22100	ug/kg	98.4	20	EM2	04/02/26	1558	2967012	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	111	371	ug/kg	0.0330	1	BM1	04/02/26	1905	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	111	371	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	111	371	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	111	371	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	111	371	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	111	371	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	111	371	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	111	743	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-26-2.0 Project: RVDE00226C
Sample ID: 769624005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	111	371	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	111	371	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	11.1	37.1	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	111	371	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	111	371	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	11.1	37.1	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	111	371	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	111	371	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	111	371	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	149	371	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	111	371	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	111	371	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	111	371	ug/kg	0.0330	1					
Acenaphthene	U	ND	11.1	37.1	ug/kg	0.0330	1					
Acenaphthylene	U	ND	11.1	37.1	ug/kg	0.0330	1					
Acetophenone	U	ND	111	371	ug/kg	0.0330	1					
Anthracene	U	ND	11.1	37.1	ug/kg	0.0330	1					
Atrazine	U	ND	149	371	ug/kg	0.0330	1					
Benzaldehyde	U	ND	111	371	ug/kg	0.0330	1					
Benzo(a)anthracene	J	20.8	11.1	37.1	ug/kg	0.0330	1					
Benzo(a)pyrene	J	26.0	11.1	37.1	ug/kg	0.0330	1					
Benzo(b)fluoranthene		47.2	11.1	37.1	ug/kg	0.0330	1					
Benzo(ghi)perylene	J	24.9	11.1	37.1	ug/kg	0.0330	1					
Benzo(k)fluoranthene	J	15.6	11.1	37.1	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	11.1	37.1	ug/kg	0.0330	1					
Carbazole	U	ND	11.1	37.1	ug/kg	0.0330	1					
Chrysene	J	33.4	11.1	37.1	ug/kg	0.0330	1					
Di-n-butylphthalate	J	11.1	11.1	37.1	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	11.1	37.1	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	11.1	37.1	ug/kg	0.0330	1					
Dibenzofuran	U	ND	111	371	ug/kg	0.0330	1					
Diethylphthalate	U	ND	11.1	37.1	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	11.1	37.1	ug/kg	0.0330	1					
Diphenylamine	U	ND	111	371	ug/kg	0.0330	1					
Fluoranthene		37.9	11.1	37.1	ug/kg	0.0330	1					
Fluorene	U	ND	11.1	37.1	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-26-2.0 Project: RVDE00226C
Sample ID: 769624005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	111	371	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	111	371	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	111	371	ug/kg	0.0330	1					
Hexachloroethane	U	ND	111	371	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	J	23.4	11.1	37.1	ug/kg	0.0330	1					
Isophorone	U	ND	111	371	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	111	371	ug/kg	0.0330	1					
Naphthalene	U	ND	11.1	37.1	ug/kg	0.0330	1					
Nitrobenzene	U	ND	111	371	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	111	371	ug/kg	0.0330	1					
Phenanthrene	J	21.2	11.1	37.1	ug/kg	0.0330	1					
Phenol	U	ND	111	371	ug/kg	0.0330	1					
Pyrene	J	30.1	11.1	37.1	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	111	371	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	111	371	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	111	371	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	J	28.2	11.1	37.1	ug/kg	0.0330	1					
m,p-Cresols	U	ND	111	371	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	111	371	ug/kg	0.0330	1					
o-Cresol	U	ND	111	371	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	123	371	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	111	371	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.619	0.152	0.380	mg/kg	33.8	1	BR2	04/07/26	1418	2971614	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-26-2.0	Project:	RVDE00226C
Sample ID:	769624005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	829 ug/kg	1860	45	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	899 ug/kg	1860	48	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1100 ug/kg	1860	59	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1130 ug/kg	3710	30	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1870 ug/kg	3710	50	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1580 ug/kg	3710	43	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-27-2.0	Project:	RVDE00226C
Sample ID:	769624006	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	24-MAR-26 08:20		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	8.16%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.39	25.0	ug/kg	115	1	PB1	03/27/26	1010	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony	J	1390	359	2170	ug/kg	99.8	1	EM2	03/30/26	1523	2967012	2
Arsenic		5150	543	3260	ug/kg	99.8	1					
Barium		12400	109	543	ug/kg	99.8	1					
Beryllium	J	129	109	543	ug/kg	99.8	1					
Cadmium		739	109	543	ug/kg	99.8	1					
Chromium		6310	163	1090	ug/kg	99.8	1					
Cobalt		4110	163	543	ug/kg	99.8	1					
Copper		3380	326	2170	ug/kg	99.8	1					
Iron		3320000	8690	27200	ug/kg	99.8	1					
Magnesium		5040000	9240	32600	ug/kg	99.8	1					
Manganese		307000	217	1090	ug/kg	99.8	1					
Nickel		11800	163	543	ug/kg	99.8	1					
Potassium		525000	6950	27200	ug/kg	99.8	1					
Selenium		3500	543	3260	ug/kg	99.8	1					
Sodium		221000	7610	27200	ug/kg	99.8	1					
Thallium	U	ND	543	2170	ug/kg	99.8	1					
Vanadium		5620	109	543	ug/kg	99.8	1					
Aluminum		850000	73900	217000	ug/kg	99.8	10	EM2	04/02/26	1600	2967012	3
Calcium		388000000	86900	272000	ug/kg	99.8	10					
Lead	U	ND	3590	21700	ug/kg	99.8	10					
Silver	U	ND	1090	5430	ug/kg	99.8	10					
Zinc	J	21100	4350	21700	ug/kg	99.8	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	357	ug/kg	0.0328	1	BM1	04/02/26	1927	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	107	357	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	357	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	107	357	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	107	357	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	107	357	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	107	357	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	107	715	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-2.0 Project: RVDE00226C
Sample ID: 769624006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	357	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	107	357	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	10.7	35.7	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	107	357	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	357	ug/kg	0.0328	1					
2-Methylnaphthalene	U	ND	10.7	35.7	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	107	357	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	107	357	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	107	357	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	143	357	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	107	357	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	107	357	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	107	357	ug/kg	0.0328	1					
Acenaphthene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Acenaphthylene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Acetophenone	U	ND	107	357	ug/kg	0.0328	1					
Anthracene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Atrazine	U	ND	143	357	ug/kg	0.0328	1					
Benzaldehyde	U	ND	107	357	ug/kg	0.0328	1					
Benzo(a)anthracene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Benzo(a)pyrene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Benzo(b)fluoranthene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Benzo(ghi)perylene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Benzo(k)fluoranthene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	10.7	35.7	ug/kg	0.0328	1					
Carbazole	U	ND	10.7	35.7	ug/kg	0.0328	1					
Chrysene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	10.7	35.7	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	10.7	35.7	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Dibenzofuran	U	ND	107	357	ug/kg	0.0328	1					
Diethylphthalate	U	ND	10.7	35.7	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	10.7	35.7	ug/kg	0.0328	1					
Diphenylamine	U	ND	107	357	ug/kg	0.0328	1					
Fluoranthene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Fluorene	U	ND	10.7	35.7	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-2.0 Project: RVDE00226C
Sample ID: 769624006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	357	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	107	357	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	107	357	ug/kg	0.0328	1					
Hexachloroethane	U	ND	107	357	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Isophorone	U	ND	107	357	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	107	357	ug/kg	0.0328	1					
Naphthalene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Nitrobenzene	U	ND	107	357	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	107	357	ug/kg	0.0328	1					
Phenanthrene	U	ND	10.7	35.7	ug/kg	0.0328	1					
Phenol	U	ND	107	357	ug/kg	0.0328	1					
Pyrene	U	ND	10.7	35.7	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	357	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	107	357	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	107	357	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.7	35.7	ug/kg	0.0328	1					
m,p-Cresols	U	ND	107	357	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	107	357	ug/kg	0.0328	1					
o-Cresol	U	ND	107	357	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	118	357	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	107	357	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.122	0.304	mg/kg	27.9	1	BR2	04/07/26	1418	2971614	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-27-2.0	Project:	RVDE00226C
Sample ID:	769624006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	968 ug/kg	1790	54	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1020 ug/kg	1790	57	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	1790	76	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2790 ug/kg	3570	78	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2260 ug/kg	3570	63	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2220 ug/kg	3570	62	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-27-4.0	Project:	RVDE00226C
Sample ID:	769624007	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	24-MAR-26 08:40		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	15.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		28.6	8.23	24.6	ug/kg	103	1	PB1	03/27/26	1012	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		6640000	6950	20400	ug/kg	86.1	1	EM2	03/30/26	1526	2967012	2
Antimony	J	1170	337	2040	ug/kg	86.1	1					
Arsenic		3490	511	3070	ug/kg	86.1	1					
Barium		17200	102	511	ug/kg	86.1	1					
Beryllium	J	183	102	511	ug/kg	86.1	1					
Cadmium	U	ND	102	511	ug/kg	86.1	1					
Calcium		1470000	8180	25600	ug/kg	86.1	1					
Chromium		12300	153	1020	ug/kg	86.1	1					
Cobalt		551	153	511	ug/kg	86.1	1					
Copper		2250	307	2040	ug/kg	86.1	1					
Iron		7500000	8180	25600	ug/kg	86.1	1					
Lead		9150	337	2040	ug/kg	86.1	1					
Magnesium		502000	8690	30700	ug/kg	86.1	1					
Manganese		49900	204	1020	ug/kg	86.1	1					
Nickel		1630	153	511	ug/kg	86.1	1					
Potassium		453000	6540	25600	ug/kg	86.1	1					
Selenium	J	745	511	3070	ug/kg	86.1	1					
Silver	U	ND	102	511	ug/kg	86.1	1					
Sodium		51000	7150	25600	ug/kg	86.1	1					
Thallium	U	ND	511	2040	ug/kg	86.1	1					
Vanadium		18500	102	511	ug/kg	86.1	1					
Zinc		6990	409	2040	ug/kg	86.1	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	117	391	ug/kg	0.0329	1	BM1	04/02/26	1949	2970789	3
1,2,4,5-Tetrachlorobenzene	U	ND	117	391	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	117	391	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	117	391	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	117	391	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	117	391	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	117	391	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	117	782	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-4.0 Project: RVDE00226C
Sample ID: 769624007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	117	391	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	117	391	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.7	39.1	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	117	391	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	117	391	ug/kg	0.0329	1					
2-Methylnaphthalene		1180	11.7	39.1	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	117	391	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	117	391	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	117	391	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	156	391	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	117	391	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	117	391	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	117	391	ug/kg	0.0329	1					
Acenaphthene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Acenaphthylene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Acetophenone	U	ND	117	391	ug/kg	0.0329	1					
Anthracene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Atrazine	U	ND	156	391	ug/kg	0.0329	1					
Benzaldehyde	U	ND	117	391	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	11.7	39.1	ug/kg	0.0329	1					
Carbazole	U	ND	11.7	39.1	ug/kg	0.0329	1					
Chrysene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.7	39.1	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.7	39.1	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Dibenzofuran	U	ND	117	391	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.7	39.1	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.7	39.1	ug/kg	0.0329	1					
Diphenylamine	U	ND	117	391	ug/kg	0.0329	1					
Fluoranthene	J	12.1	11.7	39.1	ug/kg	0.0329	1					
Fluorene	J	22.3	11.7	39.1	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-4.0 Project: RVDE00226C
Sample ID: 769624007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	117	391	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	117	391	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	117	391	ug/kg	0.0329	1					
Hexachloroethane	U	ND	117	391	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Isophorone	U	ND	117	391	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	117	391	ug/kg	0.0329	1					
Naphthalene	U	ND	11.7	39.1	ug/kg	0.0329	1					
Nitrobenzene	U	ND	117	391	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	117	391	ug/kg	0.0329	1					
Phenanthrene	J	34.0	11.7	39.1	ug/kg	0.0329	1					
Phenol	U	ND	117	391	ug/kg	0.0329	1					
Pyrene	J	20.3	11.7	39.1	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	117	391	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	117	391	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	117	391	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.7	39.1	ug/kg	0.0329	1					
m,p-Cresols	U	ND	117	391	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	117	391	ug/kg	0.0329	1					
o-Cresol	U	ND	117	391	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	129	391	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	117	391	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.165	0.412	mg/kg	34.7	1	BR2	04/07/26	1418	2971614	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	527	1580	ug/kg	1.33	1000	CO1	04/06/26	1149	2972240	5
1,1,2,2-Tetrachloroethane	U	ND	527	1580	ug/kg	1.33	1000					
1,1,2-Trichloroethane	U	ND	527	1580	ug/kg	1.33	1000					
1,1-Dichloroethane	U	ND	527	1580	ug/kg	1.33	1000					
1,1-Dichloroethylene	U	ND	527	1580	ug/kg	1.33	1000					
1,2,3-Trichlorobenzene	U	ND	527	1580	ug/kg	1.33	1000					
1,2,4-Trichlorobenzene	U	ND	527	1580	ug/kg	1.33	1000					
1,2-Dibromo-3-chloropropane	U	ND	792	1580	ug/kg	1.33	1000					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-4.0 Project: RVDE00226C
Sample ID: 769624007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	527	1580	ug/kg	1.33	1000					
1,2-Dichlorobenzene	U	ND	527	1580	ug/kg	1.33	1000					
1,2-Dichloroethane	U	ND	527	1580	ug/kg	1.33	1000					
1,2-Dichloropropane	U	ND	527	1580	ug/kg	1.33	1000					
1,3-Dichlorobenzene	U	ND	527	1580	ug/kg	1.33	1000					
1,4-Dichlorobenzene	U	ND	527	1580	ug/kg	1.33	1000					
1,4-Dioxane	U	ND	26400	79200	ug/kg	1.33	1000					
2-Butanone	U	ND	2640	7920	ug/kg	1.33	1000					
2-Hexanone	U	ND	2640	7920	ug/kg	1.33	1000					
4-Methyl-2-pentanone	U	ND	2640	7920	ug/kg	1.33	1000					
Acetone	U	ND	2640	7920	ug/kg	1.33	1000					
Benzene	U	ND	527	1580	ug/kg	1.33	1000					
Bromochloromethane	U	ND	527	1580	ug/kg	1.33	1000					
Bromodichloromethane	U	ND	527	1580	ug/kg	1.33	1000					
Bromoform	U	ND	527	1580	ug/kg	1.33	1000					
Bromomethane	U	ND	527	1580	ug/kg	1.33	1000					
Carbon disulfide	U	ND	2640	7920	ug/kg	1.33	1000					
Carbon tetrachloride	U	ND	527	1580	ug/kg	1.33	1000					
Chlorobenzene	U	ND	527	1580	ug/kg	1.33	1000					
Chloroethane	U	ND	527	1580	ug/kg	1.33	1000					
Chloroform	U	ND	527	1580	ug/kg	1.33	1000					
Chloromethane	U	ND	527	1580	ug/kg	1.33	1000					
Cyclohexane	U	ND	527	1580	ug/kg	1.33	1000					
Dibromochloromethane	U	ND	527	1580	ug/kg	1.33	1000					
Dichlorodifluoromethane	U	ND	527	1580	ug/kg	1.33	1000					
Ethylbenzene	U	ND	527	1580	ug/kg	1.33	1000					
Isopropylbenzene		3690	527	1580	ug/kg	1.33	1000					
Methyl acetate	U	ND	2640	7920	ug/kg	1.33	1000					
Methylcyclohexane		86900	527	1580	ug/kg	1.33	1000					
Methylene chloride	U	ND	2640	7920	ug/kg	1.33	1000					
Styrene	U	ND	527	1580	ug/kg	1.33	1000					
Tetrachloroethylene	U	ND	527	1580	ug/kg	1.33	1000					
Toluene	U	ND	527	1580	ug/kg	1.33	1000					
Trichloroethylene	U	ND	527	1580	ug/kg	1.33	1000					
Trichlorofluoromethane	U	ND	527	1580	ug/kg	1.33	1000					
Trichlorotrifluoroethane	U	ND	2640	7920	ug/kg	1.33	1000					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-4.0 Project: RVDE00226C
Sample ID: 769624007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	527	1580	ug/kg	1.33	1000					
cis-1,2-Dichloroethylene	U	ND	527	1580	ug/kg	1.33	1000					
cis-1,3-Dichloropropylene	U	ND	527	1580	ug/kg	1.33	1000					
m,p-Xylenes	U	ND	1060	3170	ug/kg	1.33	1000					
o-Xylene	U	ND	527	1580	ug/kg	1.33	1000					
tert-Butyl methyl ether	U	ND	527	1580	ug/kg	1.33	1000					
trans-1,2-Dichloroethylene	U	ND	527	1580	ug/kg	1.33	1000					
trans-1,3-Dichloropropylene	U	ND	527	1580	ug/kg	1.33	1000					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 5035	5035 Prep	CO1	03/24/26	0840	2972238
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1950	67	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1230 ug/kg	1950	63	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	1950	77	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3270 ug/kg	3910	84	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2620 ug/kg	3910	67	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2700 ug/kg	3910	69	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	82600 ug/kg	50.0	104	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	70900 ug/kg	50.0	90	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	77600 ug/kg	50.0	98	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-27-4.0	Project:	RVDE00226C
Sample ID:	769624007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-45-1.0	Project:	RVDE00226C
Sample ID:	769624008	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	24-MAR-26 11:00		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	9.43%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		211	8.16	24.4	ug/kg	110	1	PB1	03/27/26	1017	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		13000000	70800	208000	ug/kg	94.3	10	EM2	03/30/26	1528	2967012	2
Antimony	U	ND	3440	20800	ug/kg	94.3	10					
Arsenic	J	12000	5210	31200	ug/kg	94.3	10					
Barium		202000	1040	5210	ug/kg	94.3	10					
Beryllium	U	ND	1040	5210	ug/kg	94.3	10					
Cadmium	J	2360	1040	5210	ug/kg	94.3	10					
Calcium		100000000	83300	260000	ug/kg	94.3	10					
Chromium		1520000	1560	10400	ug/kg	94.3	10					
Cobalt		7050	1560	5210	ug/kg	94.3	10					
Copper		237000	3120	20800	ug/kg	94.3	10					
Iron		154000000	83300	260000	ug/kg	94.3	10					
Lead		111000	3440	20800	ug/kg	94.3	10					
Magnesium		21900000	88500	312000	ug/kg	94.3	10					
Nickel		66200	1560	5210	ug/kg	94.3	10					
Potassium		262000	66700	260000	ug/kg	94.3	10					
Selenium	J	19900	5210	31200	ug/kg	94.3	10					
Silver	J	4840	1040	5210	ug/kg	94.3	10					
Sodium	J	208000	72900	260000	ug/kg	94.3	10					
Thallium	U	ND	5210	20800	ug/kg	94.3	10					
Vanadium		134000	1040	5210	ug/kg	94.3	10					
Zinc		379000	4170	20800	ug/kg	94.3	10					
Manganese		16100000	4170	20800	ug/kg	94.3	20	EM2	04/02/26	1602	2967012	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	109	364	ug/kg	0.0330	1	LL2	04/06/26	1556	2972177	4
1,2,4,5-Tetrachlorobenzene	U	ND	109	364	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	109	364	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	109	364	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	109	364	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	109	364	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	109	364	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	109	728	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-1.0 Project: RVDE00226C
Sample ID: 769624008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	109	364	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	109	364	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	10.9	36.4	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	109	364	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	109	364	ug/kg	0.0330	1					
2-Methylnaphthalene	J	13.8	10.9	36.4	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	109	364	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	109	364	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	109	364	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	146	364	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	109	364	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	109	364	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	109	364	ug/kg	0.0330	1					
Acenaphthene	U	ND	10.9	36.4	ug/kg	0.0330	1					
Acenaphthylene	J	14.9	10.9	36.4	ug/kg	0.0330	1					
Acetophenone	U	ND	109	364	ug/kg	0.0330	1					
Anthracene		96.4	10.9	36.4	ug/kg	0.0330	1					
Atrazine	U	ND	146	364	ug/kg	0.0330	1					
Benzaldehyde	U	ND	109	364	ug/kg	0.0330	1					
Benzo(a)anthracene		150	10.9	36.4	ug/kg	0.0330	1					
Benzo(a)pyrene		132	10.9	36.4	ug/kg	0.0330	1					
Benzo(b)fluoranthene		252	10.9	36.4	ug/kg	0.0330	1					
Benzo(ghi)perylene		113	10.9	36.4	ug/kg	0.0330	1					
Benzo(k)fluoranthene		75.3	10.9	36.4	ug/kg	0.0330	1					
Butylbenzylphthalate		67.3	10.9	36.4	ug/kg	0.0330	1					
Carbazole		36.4	10.9	36.4	ug/kg	0.0330	1					
Chrysene		188	10.9	36.4	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	10.9	36.4	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	10.9	36.4	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	J	27.3	10.9	36.4	ug/kg	0.0330	1					
Dibenzofuran	U	ND	109	364	ug/kg	0.0330	1					
Diethylphthalate	U	ND	10.9	36.4	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	10.9	36.4	ug/kg	0.0330	1					
Diphenylamine	U	ND	109	364	ug/kg	0.0330	1					
Fluoranthene		308	10.9	36.4	ug/kg	0.0330	1					
Fluorene	U	ND	10.9	36.4	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-1.0 Project: RVDE00226C
Sample ID: 769624008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	109	364	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	109	364	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	109	364	ug/kg	0.0330	1					
Hexachloroethane	U	ND	109	364	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene		113	10.9	36.4	ug/kg	0.0330	1					
Isophorone	U	ND	109	364	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	109	364	ug/kg	0.0330	1					
Naphthalene	J	11.6	10.9	36.4	ug/kg	0.0330	1					
Nitrobenzene	U	ND	109	364	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	109	364	ug/kg	0.0330	1					
Phenanthrene		117	10.9	36.4	ug/kg	0.0330	1					
Phenol	U	ND	109	364	ug/kg	0.0330	1					
Pyrene		316	10.9	36.4	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	109	364	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	109	364	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	109	364	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate		3830	10.9	36.4	ug/kg	0.0330	1					
m,p-Cresols	U	ND	109	364	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	109	364	ug/kg	0.0330	1					
o-Cresol	U	ND	109	364	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	120	364	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	109	364	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.104	0.260	mg/kg	23.5	1	BR2	04/07/26	1418	2971614	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-45-1.0	Project:	RVDE00226C
Sample ID:	769624008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1820	64	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1150 ug/kg	1820	63	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	1820	70	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	985 ug/kg	3640	27	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1950 ug/kg	3640	54	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2410 ug/kg	3640	66	(20%-99%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-45-4.0	Project:	RVDE00226C
Sample ID:	769624009	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	24-MAR-26 11:05		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	13.1%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		58.8	8.09	24.1	ug/kg	105	1	PB1	03/27/26	1019	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		7590000	7660	22500	ug/kg	97.8	1	EM2	03/30/26	1531	2967012	2
Antimony	J	1130	372	2250	ug/kg	97.8	1					
Arsenic		5940	563	3380	ug/kg	97.8	1					
Barium		61400	113	563	ug/kg	97.8	1					
Beryllium	J	261	113	563	ug/kg	97.8	1					
Cadmium		1230	113	563	ug/kg	97.8	1					
Calcium		26600000	9010	28200	ug/kg	97.8	1					
Chromium		264000	169	1130	ug/kg	97.8	1					
Cobalt		3270	169	563	ug/kg	97.8	1					
Copper		73600	338	2250	ug/kg	97.8	1					
Iron		48000000	9010	28200	ug/kg	97.8	1					
Lead		47800	372	2250	ug/kg	97.8	1					
Magnesium		5860000	9570	33800	ug/kg	97.8	1					
Nickel		22800	169	563	ug/kg	97.8	1					
Potassium		281000	7210	28200	ug/kg	97.8	1					
Selenium	J	2240	563	3380	ug/kg	97.8	1					
Silver		1040	113	563	ug/kg	97.8	1					
Sodium		112000	7880	28200	ug/kg	97.8	1					
Thallium	U	ND	563	2250	ug/kg	97.8	1					
Vanadium		45200	113	563	ug/kg	97.8	1					
Zinc		173000	450	2250	ug/kg	97.8	1					
Manganese		3120000	1130	5630	ug/kg	97.8	5	EM2	04/02/26	1611	2967012	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	114	381	ug/kg	0.0331	1	BM1	04/03/26	1303	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	114	381	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	114	381	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	114	381	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	114	381	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	114	381	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	114	381	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	114	761	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-4.0 Project: RVDE00226C
Sample ID: 769624009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	114	381	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	114	381	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.4	38.1	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	114	381	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	114	381	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	11.4	38.1	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	114	381	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	114	381	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	114	381	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	152	381	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	114	381	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	114	381	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	114	381	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.4	38.1	ug/kg	0.0331	1					
Acenaphthylene	U	ND	11.4	38.1	ug/kg	0.0331	1					
Acetophenone	U	ND	114	381	ug/kg	0.0331	1					
Anthracene	J	17.5	11.4	38.1	ug/kg	0.0331	1					
Atrazine	U	ND	152	381	ug/kg	0.0331	1					
Benzaldehyde	U	ND	114	381	ug/kg	0.0331	1					
Benzo(a)anthracene	J	32.3	11.4	38.1	ug/kg	0.0331	1					
Benzo(a)pyrene	J	30.1	11.4	38.1	ug/kg	0.0331	1					
Benzo(b)fluoranthene		49.5	11.4	38.1	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	32.0	11.4	38.1	ug/kg	0.0331	1					
Benzo(k)fluoranthene	J	15.6	11.4	38.1	ug/kg	0.0331	1					
Butylbenzylphthalate		44.5	11.4	38.1	ug/kg	0.0331	1					
Carbazole	U	ND	11.4	38.1	ug/kg	0.0331	1					
Chrysene		43.4	11.4	38.1	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.4	38.1	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.4	38.1	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	11.4	38.1	ug/kg	0.0331	1					
Dibenzofuran	U	ND	114	381	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.4	38.1	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.4	38.1	ug/kg	0.0331	1					
Diphenylamine	U	ND	114	381	ug/kg	0.0331	1					
Fluoranthene		63.6	11.4	38.1	ug/kg	0.0331	1					
Fluorene	U	ND	11.4	38.1	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-4.0 Project: RVDE00226C
Sample ID: 769624009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	114	381	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	114	381	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	114	381	ug/kg	0.0331	1					
Hexachloroethane	U	ND	114	381	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	27.8	11.4	38.1	ug/kg	0.0331	1					
Isophorone	U	ND	114	381	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	114	381	ug/kg	0.0331	1					
Naphthalene	U	ND	11.4	38.1	ug/kg	0.0331	1					
Nitrobenzene	U	ND	114	381	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	114	381	ug/kg	0.0331	1					
Phenanthrene	J	32.0	11.4	38.1	ug/kg	0.0331	1					
Phenol	U	ND	114	381	ug/kg	0.0331	1					
Pyrene		73.5	11.4	38.1	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	114	381	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	114	381	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	114	381	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		118	11.4	38.1	ug/kg	0.0331	1					
m,p-Cresols	U	ND	114	381	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	114	381	ug/kg	0.0331	1					
o-Cresol	U	ND	114	381	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	126	381	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	114	381	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.145	0.361	mg/kg	31.4	1	BR2	04/07/26	1418	2971614	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.306	0.919	ug/kg	0.798	1	CO1	04/06/26	0942	2972240	6
1,1,2,2-Tetrachloroethane	U	ND	0.306	0.919	ug/kg	0.798	1					
1,1,2-Trichloroethane	U	ND	0.306	0.919	ug/kg	0.798	1					
1,1-Dichloroethane	U	ND	0.306	0.919	ug/kg	0.798	1					
1,1-Dichloroethylene	U	ND	0.306	0.919	ug/kg	0.798	1					
1,2,3-Trichlorobenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
1,2,4-Trichlorobenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
1,2-Dibromo-3-chloropropane	U	ND	0.459	0.919	ug/kg	0.798	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-4.0 Project: RVDE00226C
Sample ID: 769624009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.306	0.919	ug/kg	0.798	1					
1,2-Dichlorobenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
1,2-Dichloroethane	U	ND	0.306	0.919	ug/kg	0.798	1					
1,2-Dichloropropane	U	ND	0.306	0.919	ug/kg	0.798	1					
1,3-Dichlorobenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
1,4-Dichlorobenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
1,4-Dioxane	U	ND	15.3	45.9	ug/kg	0.798	1					
2-Butanone	U	ND	1.53	4.59	ug/kg	0.798	1					
2-Hexanone	U	ND	1.53	4.59	ug/kg	0.798	1					
4-Methyl-2-pentanone	U	ND	1.53	4.59	ug/kg	0.798	1					
Acetone		5.14	1.53	4.59	ug/kg	0.798	1					
Benzene	U	ND	0.306	0.919	ug/kg	0.798	1					
Bromochloromethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Bromodichloromethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Bromoform	U	ND	0.306	0.919	ug/kg	0.798	1					
Bromomethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Carbon disulfide	U	ND	1.53	4.59	ug/kg	0.798	1					
Carbon tetrachloride	U	ND	0.306	0.919	ug/kg	0.798	1					
Chlorobenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
Chloroethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Chloroform	U	ND	0.306	0.919	ug/kg	0.798	1					
Chloromethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Cyclohexane	U	ND	0.306	0.919	ug/kg	0.798	1					
Dibromochloromethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Dichlorodifluoromethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Ethylbenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
Isopropylbenzene	U	ND	0.306	0.919	ug/kg	0.798	1					
Methyl acetate	U	ND	1.53	4.59	ug/kg	0.798	1					
Methylcyclohexane	U	ND	0.306	0.919	ug/kg	0.798	1					
Methylene chloride	U	ND	1.53	4.59	ug/kg	0.798	1					
Styrene	U	ND	0.306	0.919	ug/kg	0.798	1					
Tetrachloroethylene	U	ND	0.306	0.919	ug/kg	0.798	1					
Toluene	U	ND	0.306	0.919	ug/kg	0.798	1					
Trichloroethylene	U	ND	0.306	0.919	ug/kg	0.798	1					
Trichlorofluoromethane	U	ND	0.306	0.919	ug/kg	0.798	1					
Trichlorotrifluoroethane	U	ND	1.53	4.59	ug/kg	0.798	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-4.0 Project: RVDE00226C
Sample ID: 769624009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.306	0.919	ug/kg	0.798	1					
cis-1,2-Dichloroethylene	U	ND	0.306	0.919	ug/kg	0.798	1					
cis-1,3-Dichloropropylene	U	ND	0.306	0.919	ug/kg	0.798	1					
m,p-Xylenes	U	ND	0.613	1.84	ug/kg	0.798	1					
o-Xylene	U	ND	0.306	0.919	ug/kg	0.798	1					
tert-Butyl methyl ether	U	ND	0.306	0.919	ug/kg	0.798	1					
trans-1,2-Dichloroethylene	U	ND	0.306	0.919	ug/kg	0.798	1					
trans-1,3-Dichloropropylene	U	ND	0.306	0.919	ug/kg	0.798	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 5035	5035 Prep	CO1	03/24/26	1105	2972238

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1060 ug/kg	1900	56	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1900	60	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	1900	71	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2580 ug/kg	3810	68	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2330 ug/kg	3810	61	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2370 ug/kg	3810	62	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	39.5 ug/kg	50.0	86	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.3 ug/kg	50.0	92	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-45-4.0	Project:	RVDE00226C
Sample ID:	769624009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		42.2	ug/kg	50.0		92		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-28-1.0	Project:	RVDE00226C
Sample ID:	769624010	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	24-MAR-26 14:15		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	12.6%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		163	8.81	26.3	ug/kg	115	1	PB1	03/27/26	1021	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8850000	74100	218000	ug/kg	95.2	10	EM2	03/30/26	1533	2967012	2
Antimony	U	ND	3600	21800	ug/kg	95.2	10					
Arsenic	J	24200	5450	32700	ug/kg	95.2	10					
Barium		168000	1090	5450	ug/kg	95.2	10					
Beryllium	U	ND	1090	5450	ug/kg	95.2	10					
Cadmium		6510	1090	5450	ug/kg	95.2	10					
Calcium		61600000	87200	272000	ug/kg	95.2	10					
Chromium		523000	1630	10900	ug/kg	95.2	10					
Cobalt		19400	1630	5450	ug/kg	95.2	10					
Copper		274000	3270	21800	ug/kg	95.2	10					
Iron		181000000	87200	272000	ug/kg	95.2	10					
Lead		289000	3600	21800	ug/kg	95.2	10					
Magnesium		13100000	92600	327000	ug/kg	95.2	10					
Nickel		96600	1630	5450	ug/kg	95.2	10					
Potassium		305000	69700	272000	ug/kg	95.2	10					
Selenium	J	14300	5450	32700	ug/kg	95.2	10					
Silver	J	1880	1090	5450	ug/kg	95.2	10					
Sodium	J	119000	76300	272000	ug/kg	95.2	10					
Thallium	U	ND	5450	21800	ug/kg	95.2	10					
Vanadium		186000	1090	5450	ug/kg	95.2	10					
Zinc		1500000	4360	21800	ug/kg	95.2	10					
Manganese		11900000	4360	21800	ug/kg	95.2	20	EM2	04/02/26	1613	2967012	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	376	ug/kg	0.0328	1	BM1	04/02/26	2055	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	113	376	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	376	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	113	376	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	113	376	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	113	376	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	113	376	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	113	751	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-1.0 Project: RVDE00226C
Sample ID: 769624010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	376	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	113	376	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	11.3	37.6	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	113	376	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	376	ug/kg	0.0328	1					
2-Methylnaphthalene	J	22.9	11.3	37.6	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	113	376	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	113	376	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	113	376	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	150	376	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	113	376	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	113	376	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	113	376	ug/kg	0.0328	1					
Acenaphthene	U	ND	11.3	37.6	ug/kg	0.0328	1					
Acenaphthylene	U	ND	11.3	37.6	ug/kg	0.0328	1					
Acetophenone	U	ND	113	376	ug/kg	0.0328	1					
Anthracene	J	15.4	11.3	37.6	ug/kg	0.0328	1					
Atrazine	U	ND	150	376	ug/kg	0.0328	1					
Benzaldehyde	U	ND	113	376	ug/kg	0.0328	1					
Benzo(a)anthracene	J	27.4	11.3	37.6	ug/kg	0.0328	1					
Benzo(a)pyrene	J	27.8	11.3	37.6	ug/kg	0.0328	1					
Benzo(b)fluoranthene		64.2	11.3	37.6	ug/kg	0.0328	1					
Benzo(ghi)perylene		68.7	11.3	37.6	ug/kg	0.0328	1					
Benzo(k)fluoranthene	J	16.9	11.3	37.6	ug/kg	0.0328	1					
Butylbenzylphthalate		85.6	11.3	37.6	ug/kg	0.0328	1					
Carbazole	U	ND	11.3	37.6	ug/kg	0.0328	1					
Chrysene	J	37.2	11.3	37.6	ug/kg	0.0328	1					
Di-n-butylphthalate	J	37.2	11.3	37.6	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	11.3	37.6	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	11.3	37.6	ug/kg	0.0328	1					
Dibenzofuran	U	ND	113	376	ug/kg	0.0328	1					
Diethylphthalate	U	ND	11.3	37.6	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	11.3	37.6	ug/kg	0.0328	1					
Diphenylamine	U	ND	113	376	ug/kg	0.0328	1					
Fluoranthene		44.3	11.3	37.6	ug/kg	0.0328	1					
Fluorene	U	ND	11.3	37.6	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-1.0 Project: RVDE00226C
Sample ID: 769624010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	376	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	113	376	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	113	376	ug/kg	0.0328	1					
Hexachloroethane	U	ND	113	376	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene		40.9	11.3	37.6	ug/kg	0.0328	1					
Isophorone	U	ND	113	376	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	113	376	ug/kg	0.0328	1					
Naphthalene	J	12.4	11.3	37.6	ug/kg	0.0328	1					
Nitrobenzene	U	ND	113	376	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	113	376	ug/kg	0.0328	1					
Phenanthrene	J	31.9	11.3	37.6	ug/kg	0.0328	1					
Phenol	U	ND	113	376	ug/kg	0.0328	1					
Pyrene	J	36.8	11.3	37.6	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	376	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	113	376	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	113	376	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate		301	11.3	37.6	ug/kg	0.0328	1					
m,p-Cresols	U	ND	113	376	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	113	376	ug/kg	0.0328	1					
o-Cresol	U	ND	113	376	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	124	376	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	113	376	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.143	0.357	mg/kg	31.2	1	BR2	04/07/26	1418	2971614	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-28-1.0	Project:	RVDE00226C
Sample ID:	769624010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1020 ug/kg	1880	54	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1060 ug/kg	1880	56	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1170 ug/kg	1880	62	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2730 ug/kg	3760	73	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2270 ug/kg	3760	60	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2260 ug/kg	3760	60	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-TB-032326	Project:	RVDE00226C
Sample ID:	769624011	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	23-MAR-26 10:00		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1645	2971014	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-TB-032326 Project: RVDE00226C
Sample ID: 769624011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.730	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.8 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.7 ug/L	50.0	99	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-39-3.0	Project:	RVDE00226C
Sample ID:	769624012	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 10:50		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	7.27%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.06	24.1	ug/kg	112	1	PB1	03/27/26	1022	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		14200000	6850	20200	ug/kg	93.5	1	EM2	03/30/26	1536	2967012	2
Beryllium		1280	101	504	ug/kg	93.5	1					
Sodium		673000	7050	25200	ug/kg	93.5	1					
Thallium	U	ND	504	2020	ug/kg	93.5	1					
Antimony	U	ND	3330	20200	ug/kg	93.5	10	EM2	03/30/26	1623	2967012	3
Arsenic	J	5420	5040	30200	ug/kg	93.5	10					
Barium		177000	1010	5040	ug/kg	93.5	10					
Cadmium	U	ND	1010	5040	ug/kg	93.5	10					
Calcium		226000000	80600	252000	ug/kg	93.5	10					
Chromium		642000	1510	10100	ug/kg	93.5	10					
Cobalt	J	4170	1510	5040	ug/kg	93.5	10					
Copper		89100	3020	20200	ug/kg	93.5	10					
Iron		98100000	80600	252000	ug/kg	93.5	10					
Lead	J	15500	3330	20200	ug/kg	93.5	10					
Magnesium		28700000	85700	302000	ug/kg	93.5	10					
Nickel		40600	1510	5040	ug/kg	93.5	10					
Potassium		380000	64500	252000	ug/kg	93.5	10					
Selenium	J	14600	5040	30200	ug/kg	93.5	10					
Silver	J	1350	1010	5040	ug/kg	93.5	10					
Vanadium		181000	1010	5040	ug/kg	93.5	10					
Zinc		111000	4030	20200	ug/kg	93.5	10					
Manganese		12000000	4030	20200	ug/kg	93.5	20	EM2	04/02/26	1616	2967012	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	355	ug/kg	0.0329	1	BM1	04/02/26	2117	2970789	5
1,2,4,5-Tetrachlorobenzene	U	ND	107	355	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	355	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	107	355	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	107	355	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	107	355	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	107	355	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	107	711	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-39-3.0	Project:	RVDE00226C
Sample ID:	769624012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	355	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	107	355	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.7	35.5	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	107	355	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	355	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	10.7	35.5	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	107	355	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	107	355	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	107	355	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	142	355	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	107	355	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	107	355	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	107	355	ug/kg	0.0329	1					
Acenaphthene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Acenaphthylene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Acetophenone	U	ND	107	355	ug/kg	0.0329	1					
Anthracene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Atrazine	U	ND	142	355	ug/kg	0.0329	1					
Benzaldehyde	U	ND	107	355	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	10.7	35.5	ug/kg	0.0329	1					
Carbazole	U	ND	10.7	35.5	ug/kg	0.0329	1					
Chrysene	J	18.1	10.7	35.5	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.7	35.5	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.7	35.5	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Dibenzofuran	U	ND	107	355	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.7	35.5	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	10.7	35.5	ug/kg	0.0329	1					
Diphenylamine	U	ND	107	355	ug/kg	0.0329	1					
Fluoranthene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Fluorene	U	ND	10.7	35.5	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-39-3.0	Project:	RVDE00226C
Sample ID:	769624012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	355	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	107	355	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	107	355	ug/kg	0.0329	1					
Hexachloroethane	U	ND	107	355	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Isophorone	U	ND	107	355	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	107	355	ug/kg	0.0329	1					
Naphthalene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Nitrobenzene	U	ND	107	355	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	107	355	ug/kg	0.0329	1					
Phenanthrene	U	ND	10.7	35.5	ug/kg	0.0329	1					
Phenol	U	ND	107	355	ug/kg	0.0329	1					
Pyrene	U	ND	10.7	35.5	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	355	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	107	355	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	107	355	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.7	35.5	ug/kg	0.0329	1					
m,p-Cresols	U	ND	107	355	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	107	355	ug/kg	0.0329	1					
o-Cresol	U	ND	107	355	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	117	355	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	107	355	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		3.27	0.148	0.370	mg/kg	34.3	1	BR2	04/07/26	1418	2971614	6
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.253	0.759	ug/kg	0.704	1	CO1	04/06/26	1007	2972240	7
1,1,2,2-Tetrachloroethane	U	ND	0.253	0.759	ug/kg	0.704	1					
1,1,2-Trichloroethane	U	ND	0.253	0.759	ug/kg	0.704	1					
1,1-Dichloroethane	U	ND	0.253	0.759	ug/kg	0.704	1					
1,1-Dichloroethylene	U	ND	0.253	0.759	ug/kg	0.704	1					
1,2,3-Trichlorobenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
1,2,4-Trichlorobenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
1,2-Dibromo-3-chloropropane	U	ND	0.380	0.759	ug/kg	0.704	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-39-3.0	Project:	RVDE00226C
Sample ID:	769624012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.253	0.759	ug/kg	0.704	1					
1,2-Dichlorobenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
1,2-Dichloroethane	U	ND	0.253	0.759	ug/kg	0.704	1					
1,2-Dichloropropane	U	ND	0.253	0.759	ug/kg	0.704	1					
1,3-Dichlorobenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
1,4-Dichlorobenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
1,4-Dioxane	U	ND	12.7	38.0	ug/kg	0.704	1					
2-Butanone	J	1.68	1.27	3.80	ug/kg	0.704	1					
2-Hexanone	U	ND	1.27	3.80	ug/kg	0.704	1					
4-Methyl-2-pentanone	U	ND	1.27	3.80	ug/kg	0.704	1					
Acetone		10.2	1.27	3.80	ug/kg	0.704	1					
Benzene	U	ND	0.253	0.759	ug/kg	0.704	1					
Bromochloromethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Bromodichloromethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Bromoform	U	ND	0.253	0.759	ug/kg	0.704	1					
Bromomethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Carbon disulfide	U	ND	1.27	3.80	ug/kg	0.704	1					
Carbon tetrachloride	U	ND	0.253	0.759	ug/kg	0.704	1					
Chlorobenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
Chloroethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Chloroform	U	ND	0.253	0.759	ug/kg	0.704	1					
Chloromethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Cyclohexane	U	ND	0.253	0.759	ug/kg	0.704	1					
Dibromochloromethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Dichlorodifluoromethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Ethylbenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
Isopropylbenzene	U	ND	0.253	0.759	ug/kg	0.704	1					
Methyl acetate	U	ND	1.27	3.80	ug/kg	0.704	1					
Methylcyclohexane	U	ND	0.253	0.759	ug/kg	0.704	1					
Methylene chloride	U	ND	1.27	3.80	ug/kg	0.704	1					
Styrene	U	ND	0.253	0.759	ug/kg	0.704	1					
Tetrachloroethylene	U	ND	0.253	0.759	ug/kg	0.704	1					
Toluene	U	ND	0.253	0.759	ug/kg	0.704	1					
Trichloroethylene	U	ND	0.253	0.759	ug/kg	0.704	1					
Trichlorofluoromethane	U	ND	0.253	0.759	ug/kg	0.704	1					
Trichlorotrifluoroethane	U	ND	1.27	3.80	ug/kg	0.704	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-39-3.0 Project: RVDE00226C
Sample ID: 769624012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.253	0.759	ug/kg	0.704	1					
cis-1,2-Dichloroethylene	U	ND	0.253	0.759	ug/kg	0.704	1					
cis-1,3-Dichloropropylene	U	ND	0.253	0.759	ug/kg	0.704	1					
m,p-Xylenes	U	ND	0.507	1.52	ug/kg	0.704	1					
o-Xylene	U	ND	0.253	0.759	ug/kg	0.704	1					
tert-Butyl methyl ether	U	ND	0.253	0.759	ug/kg	0.704	1					
trans-1,2-Dichloroethylene	U	ND	0.253	0.759	ug/kg	0.704	1					
trans-1,3-Dichloropropylene	U	ND	0.253	0.759	ug/kg	0.704	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 5035	5035 Prep	CO1	03/23/26	1050	2972238

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	957 ug/kg	1780	54	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	958 ug/kg	1780	54	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	990 ug/kg	1780	56	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	358 ug/kg	3550	10*	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1040 ug/kg	3550	29	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	297 ug/kg	3550	8*	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight	33.6 ug/kg	50.0	88	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-39-3.0	Project:	RVDE00226C
Sample ID:	769624012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
		Corrected"										
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "Dry Weight Corrected"		37.1	ug/kg	50.0		98		(75%-131%)		
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		35.7	ug/kg	50.0		94		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-19-2.0	Project:	RVDE00226C
Sample ID:	769624013	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 11:25		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	7.9%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		40.9	7.47	22.3	ug/kg	103	1	PB1	03/27/26	1024	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8590000	7100	20900	ug/kg	96.2	1	EM2	03/30/26	1538	2967012	2
Beryllium	J	274	104	522	ug/kg	96.2	1					
Sodium		218000	7310	26100	ug/kg	96.2	1					
Thallium	U	ND	522	2090	ug/kg	96.2	1					
Antimony	U	ND	3450	20900	ug/kg	96.2	10	EM2	03/30/26	1625	2967012	3
Arsenic	J	6830	5220	31300	ug/kg	96.2	10					
Barium		79900	1040	5220	ug/kg	96.2	10					
Cadmium	J	3350	1040	5220	ug/kg	96.2	10					
Calcium		34800000	83500	261000	ug/kg	96.2	10					
Chromium		138000	1570	10400	ug/kg	96.2	10					
Cobalt		13800	1570	5220	ug/kg	96.2	10					
Copper		150000	3130	20900	ug/kg	96.2	10					
Iron		116000000	83500	261000	ug/kg	96.2	10					
Lead		117000	3450	20900	ug/kg	96.2	10					
Magnesium		4400000	88700	313000	ug/kg	96.2	10					
Manganese		2590000	2090	10400	ug/kg	96.2	10					
Nickel		55100	1570	5220	ug/kg	96.2	10					
Potassium		359000	66800	261000	ug/kg	96.2	10					
Selenium	U	ND	5220	31300	ug/kg	96.2	10					
Silver	U	ND	1040	5220	ug/kg	96.2	10					
Vanadium		126000	1040	5220	ug/kg	96.2	10					
Zinc		664000	4180	20900	ug/kg	96.2	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	360	ug/kg	0.0332	1	BM1	04/02/26	2139	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	108	360	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	108	720	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-19-2.0	Project:	RVDE00226C
Sample ID:	769624013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	360	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	108	360	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	10.8	36.0	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	360	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	10.8	36.0	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	108	360	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	108	360	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	108	360	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	144	360	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	108	360	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	108	360	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	108	360	ug/kg	0.0332	1					
Acenaphthene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Acenaphthylene	J	14.8	10.8	36.0	ug/kg	0.0332	1					
Acetophenone	U	ND	108	360	ug/kg	0.0332	1					
Anthracene	J	16.6	10.8	36.0	ug/kg	0.0332	1					
Atrazine	U	ND	144	360	ug/kg	0.0332	1					
Benzaldehyde	U	ND	108	360	ug/kg	0.0332	1					
Benzo(a)anthracene	J	34.9	10.8	36.0	ug/kg	0.0332	1					
Benzo(a)pyrene		37.1	10.8	36.0	ug/kg	0.0332	1					
Benzo(b)fluoranthene		86.4	10.8	36.0	ug/kg	0.0332	1					
Benzo(ghi)perylene	J	31.7	10.8	36.0	ug/kg	0.0332	1					
Benzo(k)fluoranthene	J	27.0	10.8	36.0	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Carbazole	U	ND	10.8	36.0	ug/kg	0.0332	1					
Chrysene		54.0	10.8	36.0	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dibenzofuran	U	ND	108	360	ug/kg	0.0332	1					
Diethylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Diphenylamine	U	ND	108	360	ug/kg	0.0332	1					
Fluoranthene		46.8	10.8	36.0	ug/kg	0.0332	1					
Fluorene	U	ND	10.8	36.0	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-19-2.0 Project: RVDE00226C
Sample ID: 769624013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	360	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	108	360	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	108	360	ug/kg	0.0332	1					
Hexachloroethane	U	ND	108	360	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	31.0	10.8	36.0	ug/kg	0.0332	1					
Isophorone	U	ND	108	360	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	108	360	ug/kg	0.0332	1					
Naphthalene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Nitrobenzene	U	ND	108	360	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	108	360	ug/kg	0.0332	1					
Phenanthrene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Phenol	U	ND	108	360	ug/kg	0.0332	1					
Pyrene		59.0	10.8	36.0	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
m,p-Cresols	U	ND	108	360	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	108	360	ug/kg	0.0332	1					
o-Cresol	U	ND	108	360	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	119	360	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	108	360	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.124	0.310	mg/kg	28.6	1	BR2	04/07/26	1418	2971614	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-19-2.0	Project:	RVDE00226C
Sample ID:	769624013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	991 ug/kg	1800	55	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1040 ug/kg	1800	58	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	1800	70	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2760 ug/kg	3600	77	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2300 ug/kg	3600	64	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2260 ug/kg	3600	63	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-19-4.0	Project:	RVDE00226C
Sample ID:	769624014	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 11:35		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	12.1%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	18.4	8.66	25.9	ug/kg	114	1	PB1	03/27/26	1026	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		6800000	6930	20400	ug/kg	89.6	1	EM2	03/30/26	1546	2967012	2
Antimony	J	658	337	2040	ug/kg	89.6	1					
Arsenic		5630	510	3060	ug/kg	89.6	1					
Barium		21300	102	510	ug/kg	89.6	1					
Beryllium	J	166	102	510	ug/kg	89.6	1					
Cadmium	J	132	102	510	ug/kg	89.6	1					
Calcium		1280000	8160	25500	ug/kg	89.6	1					
Chromium		19000	153	1020	ug/kg	89.6	1					
Cobalt		1380	153	510	ug/kg	89.6	1					
Copper		13300	306	2040	ug/kg	89.6	1					
Iron		17300000	8160	25500	ug/kg	89.6	1					
Lead		11100	337	2040	ug/kg	89.6	1					
Magnesium		362000	8670	30600	ug/kg	89.6	1					
Manganese		107000	204	1020	ug/kg	89.6	1					
Nickel		4380	153	510	ug/kg	89.6	1					
Potassium		278000	6530	25500	ug/kg	89.6	1					
Selenium	J	1180	510	3060	ug/kg	89.6	1					
Silver	U	ND	102	510	ug/kg	89.6	1					
Sodium		53400	7140	25500	ug/kg	89.6	1					
Thallium	U	ND	510	2040	ug/kg	89.6	1					
Vanadium		26500	102	510	ug/kg	89.6	1					
Zinc		24500	408	2040	ug/kg	89.6	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	378	ug/kg	0.0332	1	BM1	04/02/26	2201	2970789	3
1,2,4,5-Tetrachlorobenzene	U	ND	113	378	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	378	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	113	378	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	113	378	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	113	378	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	113	378	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	113	756	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-19-4.0	Project:	RVDE00226C
Sample ID:	769624014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	378	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	113	378	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	11.3	37.8	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	113	378	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	378	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	11.3	37.8	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	113	378	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	113	378	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	113	378	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	151	378	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	113	378	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	113	378	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	113	378	ug/kg	0.0332	1					
Acenaphthene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Acenaphthylene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Acetophenone	U	ND	113	378	ug/kg	0.0332	1					
Anthracene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Atrazine	U	ND	151	378	ug/kg	0.0332	1					
Benzaldehyde	U	ND	113	378	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	11.3	37.8	ug/kg	0.0332	1					
Carbazole	U	ND	11.3	37.8	ug/kg	0.0332	1					
Chrysene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	11.3	37.8	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	11.3	37.8	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Dibenzofuran	U	ND	113	378	ug/kg	0.0332	1					
Diethylphthalate	U	ND	11.3	37.8	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	11.3	37.8	ug/kg	0.0332	1					
Diphenylamine	U	ND	113	378	ug/kg	0.0332	1					
Fluoranthene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Fluorene	U	ND	11.3	37.8	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-19-4.0 Project: RVDE00226C
Sample ID: 769624014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	378	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	113	378	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	113	378	ug/kg	0.0332	1					
Hexachloroethane	U	ND	113	378	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Isophorone	U	ND	113	378	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	113	378	ug/kg	0.0332	1					
Naphthalene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Nitrobenzene	U	ND	113	378	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	113	378	ug/kg	0.0332	1					
Phenanthrene	U	ND	11.3	37.8	ug/kg	0.0332	1					
Phenol	U	ND	113	378	ug/kg	0.0332	1					
Pyrene	U	ND	11.3	37.8	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	378	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	113	378	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	113	378	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.3	37.8	ug/kg	0.0332	1					
m,p-Cresols	U	ND	113	378	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	113	378	ug/kg	0.0332	1					
o-Cresol	U	ND	113	378	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	125	378	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	113	378	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.126	0.316	mg/kg	27.7	1	BR2	04/07/26	1418	2971614	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.343	1.03	ug/kg	0.905	1	CO1	04/03/26	1241	2972240	5
1,1,2,2-Tetrachloroethane	U	ND	0.343	1.03	ug/kg	0.905	1					
1,1,2-Trichloroethane	U	ND	0.343	1.03	ug/kg	0.905	1					
1,1-Dichloroethane	U	ND	0.343	1.03	ug/kg	0.905	1					
1,1-Dichloroethylene	U	ND	0.343	1.03	ug/kg	0.905	1					
1,2,3-Trichlorobenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
1,2,4-Trichlorobenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
1,2-Dibromo-3-chloropropane	U	ND	0.515	1.03	ug/kg	0.905	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-19-4.0	Project:	RVDE00226C
Sample ID:	769624014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.343	1.03	ug/kg	0.905	1					
1,2-Dichlorobenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
1,2-Dichloroethane	U	ND	0.343	1.03	ug/kg	0.905	1					
1,2-Dichloropropane	U	ND	0.343	1.03	ug/kg	0.905	1					
1,3-Dichlorobenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
1,4-Dichlorobenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
1,4-Dioxane	U	ND	17.2	51.5	ug/kg	0.905	1					
2-Butanone	J	4.19	1.72	5.15	ug/kg	0.905	1					
2-Hexanone	U	ND	1.72	5.15	ug/kg	0.905	1					
4-Methyl-2-pentanone	U	ND	1.72	5.15	ug/kg	0.905	1					
Acetone		36.9	1.72	5.15	ug/kg	0.905	1					
Benzene	U	ND	0.343	1.03	ug/kg	0.905	1					
Bromochloromethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Bromodichloromethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Bromoform	U	ND	0.343	1.03	ug/kg	0.905	1					
Bromomethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Carbon disulfide	U	ND	1.72	5.15	ug/kg	0.905	1					
Carbon tetrachloride	U	ND	0.343	1.03	ug/kg	0.905	1					
Chlorobenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
Chloroethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Chloroform	U	ND	0.343	1.03	ug/kg	0.905	1					
Chloromethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Cyclohexane	U	ND	0.343	1.03	ug/kg	0.905	1					
Dibromochloromethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Dichlorodifluoromethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Ethylbenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
Isopropylbenzene	U	ND	0.343	1.03	ug/kg	0.905	1					
Methyl acetate	U	ND	1.72	5.15	ug/kg	0.905	1					
Methylcyclohexane	U	ND	0.343	1.03	ug/kg	0.905	1					
Methylene chloride	U	ND	1.72	5.15	ug/kg	0.905	1					
Styrene	U	ND	0.343	1.03	ug/kg	0.905	1					
Tetrachloroethylene	U	ND	0.343	1.03	ug/kg	0.905	1					
Toluene	U	ND	0.343	1.03	ug/kg	0.905	1					
Trichloroethylene	U	ND	0.343	1.03	ug/kg	0.905	1					
Trichlorofluoromethane	U	ND	0.343	1.03	ug/kg	0.905	1					
Trichlorotrifluoroethane	U	ND	1.72	5.15	ug/kg	0.905	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-19-4.0 Project: RVDE00226C
Sample ID: 769624014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.343	1.03	ug/kg	0.905	1					
cis-1,2-Dichloroethylene	U	ND	0.343	1.03	ug/kg	0.905	1					
cis-1,3-Dichloropropylene	U	ND	0.343	1.03	ug/kg	0.905	1					
m,p-Xylenes	U	ND	0.687	2.06	ug/kg	0.905	1					
o-Xylene	U	ND	0.343	1.03	ug/kg	0.905	1					
tert-Butyl methyl ether	U	ND	0.343	1.03	ug/kg	0.905	1					
trans-1,2-Dichloroethylene	U	ND	0.343	1.03	ug/kg	0.905	1					
trans-1,3-Dichloropropylene	U	ND	0.343	1.03	ug/kg	0.905	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 5035	5035 Prep	CO1	03/23/26	1135	2972238

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1220 ug/kg	1890	64	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1250 ug/kg	1890	66	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1430 ug/kg	1890	75	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3220 ug/kg	3780	85	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2690 ug/kg	3780	71	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2690 ug/kg	3780	71	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	45.8 ug/kg	50.0	89	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	46.1 ug/kg	50.0	90	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	48.6 ug/kg	50.0	94	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-19-4.0	Project:	RVDE00226C
Sample ID:	769624014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-1.0	Project:	RVDE00226C
Sample ID:	769624015	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 11:45		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	23.3%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		29.7	9.29	27.7	ug/kg	106	1	PB1	03/27/26	1027	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4540000	7760	22800	ug/kg	87.6	1	EM2	03/30/26	1549	2967012	2
Antimony	J	722	377	2280	ug/kg	87.6	1					
Arsenic	J	1670	571	3420	ug/kg	87.6	1					
Barium		21700	114	571	ug/kg	87.6	1					
Beryllium	J	124	114	571	ug/kg	87.6	1					
Cadmium	U	ND	114	571	ug/kg	87.6	1					
Calcium		16100000	9130	28500	ug/kg	87.6	1					
Chromium		14200	171	1140	ug/kg	87.6	1					
Cobalt		800	171	571	ug/kg	87.6	1					
Copper		4810	342	2280	ug/kg	87.6	1					
Iron		5630000	9130	28500	ug/kg	87.6	1					
Lead		11400	377	2280	ug/kg	87.6	1					
Magnesium		4050000	9700	34200	ug/kg	87.6	1					
Manganese		84300	228	1140	ug/kg	87.6	1					
Nickel		2590	171	571	ug/kg	87.6	1					
Potassium		137000	7300	28500	ug/kg	87.6	1					
Selenium	J	1080	571	3420	ug/kg	87.6	1					
Silver	U	ND	114	571	ug/kg	87.6	1					
Sodium		103000	7990	28500	ug/kg	87.6	1					
Thallium	U	ND	571	2280	ug/kg	87.6	1					
Vanadium		7460	114	571	ug/kg	87.6	1					
Zinc		42500	456	2280	ug/kg	87.6	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	129	431	ug/kg	0.0331	1	BM1	04/02/26	2223	2970789	3
1,2,4,5-Tetrachlorobenzene	U	ND	129	431	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	129	431	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	129	431	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	129	431	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	129	431	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	129	431	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	129	862	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-1.0	Project:	RVDE00226C
Sample ID:	769624015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	129	431	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	129	431	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	12.9	43.1	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	129	431	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	129	431	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	12.9	43.1	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	129	431	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	129	431	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	129	431	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	172	431	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	129	431	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	129	431	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	129	431	ug/kg	0.0331	1					
Acenaphthene	U	ND	12.9	43.1	ug/kg	0.0331	1					
Acenaphthylene	U	ND	12.9	43.1	ug/kg	0.0331	1					
Acetophenone	U	ND	129	431	ug/kg	0.0331	1					
Anthracene	U	ND	12.9	43.1	ug/kg	0.0331	1					
Atrazine	U	ND	172	431	ug/kg	0.0331	1					
Benzaldehyde	U	ND	129	431	ug/kg	0.0331	1					
Benzo(a)anthracene	J	36.7	12.9	43.1	ug/kg	0.0331	1					
Benzo(a)pyrene	J	28.0	12.9	43.1	ug/kg	0.0331	1					
Benzo(b)fluoranthene	J	35.8	12.9	43.1	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	26.7	12.9	43.1	ug/kg	0.0331	1					
Benzo(k)fluoranthene	J	28.9	12.9	43.1	ug/kg	0.0331	1					
Butylbenzylphthalate	J	33.6	12.9	43.1	ug/kg	0.0331	1					
Carbazole	J	22.4	12.9	43.1	ug/kg	0.0331	1					
Chrysene	J	32.3	12.9	43.1	ug/kg	0.0331	1					
Di-n-butylphthalate	J	27.2	12.9	43.1	ug/kg	0.0331	1					
Di-n-octylphthalate	J	26.3	12.9	43.1	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	25.0	12.9	43.1	ug/kg	0.0331	1					
Dibenzofuran	U	ND	129	431	ug/kg	0.0331	1					
Diethylphthalate	J	14.2	12.9	43.1	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	12.9	43.1	ug/kg	0.0331	1					
Diphenylamine	U	ND	129	431	ug/kg	0.0331	1					
Fluoranthene	J	34.1	12.9	43.1	ug/kg	0.0331	1					
Fluorene	U	ND	12.9	43.1	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-1.0	Project:	RVDE00226C
Sample ID:	769624015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	129	431	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	129	431	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	129	431	ug/kg	0.0331	1					
Hexachloroethane	U	ND	129	431	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	27.6	12.9	43.1	ug/kg	0.0331	1					
Isophorone	U	ND	129	431	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	129	431	ug/kg	0.0331	1					
Naphthalene	U	ND	12.9	43.1	ug/kg	0.0331	1					
Nitrobenzene	U	ND	129	431	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	129	431	ug/kg	0.0331	1					
Phenanthrene	J	16.4	12.9	43.1	ug/kg	0.0331	1					
Phenol	U	ND	129	431	ug/kg	0.0331	1					
Pyrene	J	34.1	12.9	43.1	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	129	431	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	129	431	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	129	431	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		329	12.9	43.1	ug/kg	0.0331	1					
m,p-Cresols	U	ND	129	431	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	129	431	ug/kg	0.0331	1					
o-Cresol	U	ND	129	431	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	142	431	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	129	431	ug/kg	0.0331	1					
Semi-Volatiles-PCB												
SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"												
Aroclor-1016	U	ND	1.44	4.32	ug/kg	0.0331	1	NS2	04/08/26	1627	2974051	4
Aroclor-1221	U	ND	1.44	4.32	ug/kg	0.0331	1					
Aroclor-1232	U	ND	1.44	4.32	ug/kg	0.0331	1					
Aroclor-1242	U	ND	1.44	4.32	ug/kg	0.0331	1					
Aroclor-1248	U	ND	1.44	4.32	ug/kg	0.0331	1					
Aroclor-1254	U	ND	1.44	4.32	ug/kg	0.0331	1					
Aroclor-1260	U	ND	1.44	4.32	ug/kg	0.0331	1					
Aroclor-1262	U	ND	1.44	4.32	ug/kg	0.0331	1					
Aroclor-1268	U	ND	1.44	4.32	ug/kg	0.0331	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"												

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-17-1.0 Project: RVDE00226C
Sample ID: 769624015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-Pesticide												
SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.428	1.71	ug/kg	0.164	1	YS1	04/03/26	1807	2971023	5
4,4'-DDE	U	ND	0.428	1.71	ug/kg	0.164	1					
4,4'-DDT	U	ND	0.428	1.71	ug/kg	0.164	1					
Aldrin	U	ND	0.214	0.856	ug/kg	0.164	1					
Dieldrin	U	ND	0.428	1.71	ug/kg	0.164	1					
Endosulfan I	U	ND	0.214	0.856	ug/kg	0.164	1					
Endosulfan II	U	ND	0.428	1.71	ug/kg	0.164	1					
Endosulfan sulfate	U	ND	0.428	1.71	ug/kg	0.164	1					
Endrin	U	ND	0.428	1.71	ug/kg	0.164	1					
Endrin aldehyde	U	ND	0.428	1.71	ug/kg	0.164	1					
Endrin ketone	U	ND	0.428	1.71	ug/kg	0.164	1					
Heptachlor	U	ND	0.214	0.856	ug/kg	0.164	1					
Heptachlor epoxide	U	ND	0.214	0.856	ug/kg	0.164	1					
Methoxychlor	U	ND	2.14	8.56	ug/kg	0.164	1					
Toxaphene	U	ND	7.13	21.4	ug/kg	0.164	1					
alpha-BHC	U	ND	0.214	0.856	ug/kg	0.164	1					
beta-BHC	U	ND	0.214	0.856	ug/kg	0.164	1					
cis-Chlordane	U	ND	0.214	0.856	ug/kg	0.164	1					
delta-BHC	U	ND	0.214	0.856	ug/kg	0.164	1					
gamma-BHC (Lindane)	U	ND	0.214	0.856	ug/kg	0.164	1					
trans-Chlordane	U	ND	0.214	0.856	ug/kg	0.164	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.132	0.330	mg/kg	25.3	1	BR2	04/07/26	1418	2971614	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3546	Prep Method 3546 for Solid	DC2	04/07/26	0852	2973093
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 3546	Prep Method 3546 for Solid	JG3	04/08/26	0651	2974049
SW846 3546	Prep Method 3546 for Solid	DC2	04/03/26	0751	2971021
SW846 3546	Prep Method 3546 for Solid	DS5	04/03/26	0830	2971442
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-1.0	Project:	RVDE00226C
Sample ID:	769624015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 3546/8082A	
5	SW846 3546/8081B	
6	SW846 3546/8081B	
7	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1270 ug/kg	2160	59	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1250 ug/kg	2160	58	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1540 ug/kg	2160	71	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3310 ug/kg	4310	77	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2900 ug/kg	4310	67	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2850 ug/kg	4310	66	(19%-94%)
4cmx	SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"	6.20 ug/kg	8.64	72	(24%-110%)
Decachlorobiphenyl	SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"	8.37 ug/kg	8.64	97	(25%-133%)
Decachlorobiphenyl	SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"	31.9 ug/kg	42.8	75	(32%-150%)
4cmx	SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"	31.7 ug/kg	42.8	74	(23%-137%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-3.0	Project:	RVDE00226C
Sample ID:	769624016	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 11:50		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	16.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		26.4	8.54	25.5	ug/kg	106	1	PB1	03/27/26	1029	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4940000	7590	22300	ug/kg	92.9	1	EM2	03/30/26	1551	2967012	2
Antimony	J	420	369	2230	ug/kg	92.9	1					
Arsenic	J	580	558	3350	ug/kg	92.9	1					
Barium		16600	112	558	ug/kg	92.9	1					
Beryllium	J	112	112	558	ug/kg	92.9	1					
Cadmium	U	ND	112	558	ug/kg	92.9	1					
Calcium		775000	8940	27900	ug/kg	92.9	1					
Chromium		4180	168	1120	ug/kg	92.9	1					
Cobalt		861	168	558	ug/kg	92.9	1					
Copper	J	2130	335	2230	ug/kg	92.9	1					
Iron		2710000	8940	27900	ug/kg	92.9	1					
Lead		9600	369	2230	ug/kg	92.9	1					
Magnesium		220000	9490	33500	ug/kg	92.9	1					
Manganese		14800	223	1120	ug/kg	92.9	1					
Nickel		1480	168	558	ug/kg	92.9	1					
Potassium		126000	7150	27900	ug/kg	92.9	1					
Selenium	J	617	558	3350	ug/kg	92.9	1					
Silver	U	ND	112	558	ug/kg	92.9	1					
Sodium	J	25600	7820	27900	ug/kg	92.9	1					
Thallium	U	ND	558	2230	ug/kg	92.9	1					
Vanadium		4900	112	558	ug/kg	92.9	1					
Zinc		10000	447	2230	ug/kg	92.9	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	120	399	ug/kg	0.0332	1	LL2	04/06/26	1642	2972177	3
1,2,4,5-Tetrachlorobenzene	U	ND	120	399	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	120	399	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	120	399	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	120	399	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	120	399	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	120	399	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	120	798	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-17-3.0 Project: RVDE00226C
Sample ID: 769624016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	120	399	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	120	399	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	12.0	39.9	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	120	399	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	120	399	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	12.0	39.9	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	120	399	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	120	399	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	120	399	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	160	399	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	120	399	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	120	399	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	120	399	ug/kg	0.0332	1					
Acenaphthene	J	25.5	12.0	39.9	ug/kg	0.0332	1					
Acenaphthylene	U	ND	12.0	39.9	ug/kg	0.0332	1					
Acetophenone	U	ND	120	399	ug/kg	0.0332	1					
Anthracene	U	ND	12.0	39.9	ug/kg	0.0332	1					
Atrazine	U	ND	160	399	ug/kg	0.0332	1					
Benzaldehyde	U	ND	120	399	ug/kg	0.0332	1					
Benzo(a)anthracene		51.9	12.0	39.9	ug/kg	0.0332	1					
Benzo(a)pyrene		45.5	12.0	39.9	ug/kg	0.0332	1					
Benzo(b)fluoranthene		67.0	12.0	39.9	ug/kg	0.0332	1					
Benzo(ghi)perylene	J	31.5	12.0	39.9	ug/kg	0.0332	1					
Benzo(k)fluoranthene	J	22.7	12.0	39.9	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	12.0	39.9	ug/kg	0.0332	1					
Carbazole	U	ND	12.0	39.9	ug/kg	0.0332	1					
Chrysene		49.1	12.0	39.9	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	12.0	39.9	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	12.0	39.9	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	12.0	39.9	ug/kg	0.0332	1					
Dibenzofuran	U	ND	120	399	ug/kg	0.0332	1					
Diethylphthalate	U	ND	12.0	39.9	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	12.0	39.9	ug/kg	0.0332	1					
Diphenylamine	U	ND	120	399	ug/kg	0.0332	1					
Fluoranthene		82.2	12.0	39.9	ug/kg	0.0332	1					
Fluorene	U	ND	12.0	39.9	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-3.0	Project:	RVDE00226C
Sample ID:	769624016	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	120	399	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	120	399	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	120	399	ug/kg	0.0332	1					
Hexachloroethane	U	ND	120	399	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	34.3	12.0	39.9	ug/kg	0.0332	1					
Isophorone	U	ND	120	399	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	120	399	ug/kg	0.0332	1					
Naphthalene	U	ND	12.0	39.9	ug/kg	0.0332	1					
Nitrobenzene	U	ND	120	399	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	120	399	ug/kg	0.0332	1					
Phenanthrene	J	15.6	12.0	39.9	ug/kg	0.0332	1					
Phenol	U	ND	120	399	ug/kg	0.0332	1					
Pyrene		78.6	12.0	39.9	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	120	399	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	120	399	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	120	399	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.0	39.9	ug/kg	0.0332	1					
m,p-Cresols	U	ND	120	399	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	120	399	ug/kg	0.0332	1					
o-Cresol	U	ND	120	399	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	132	399	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	120	399	ug/kg	0.0332	1					
Semi-Volatiles-PCB												
SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"												
Aroclor-1016	U	ND	1.33	4.01	ug/kg	0.0333	1	NS2	04/08/26	1646	2974051	4
Aroclor-1221	U	ND	1.33	4.01	ug/kg	0.0333	1					
Aroclor-1232	U	ND	1.33	4.01	ug/kg	0.0333	1					
Aroclor-1242	U	ND	1.33	4.01	ug/kg	0.0333	1					
Aroclor-1248	U	ND	1.33	4.01	ug/kg	0.0333	1					
Aroclor-1254	U	ND	1.33	4.01	ug/kg	0.0333	1					
Aroclor-1260	U	ND	1.33	4.01	ug/kg	0.0333	1					
Aroclor-1262	U	ND	1.33	4.01	ug/kg	0.0333	1					
Aroclor-1268	U	ND	1.33	4.01	ug/kg	0.0333	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"												

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-17-3.0 Project: RVDE00226C
Sample ID: 769624016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-Pesticide												
SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.399	1.60	ug/kg	0.166	1	YS1	04/03/26	1824	2971023	5
4,4'-DDE	U	ND	0.399	1.60	ug/kg	0.166	1					
4,4'-DDT	U	ND	0.399	1.60	ug/kg	0.166	1					
Aldrin	U	ND	0.200	0.799	ug/kg	0.166	1					
Dieldrin	U	ND	0.399	1.60	ug/kg	0.166	1					
Endosulfan I	U	ND	0.200	0.799	ug/kg	0.166	1					
Endosulfan II	U	ND	0.399	1.60	ug/kg	0.166	1					
Endosulfan sulfate	U	ND	0.399	1.60	ug/kg	0.166	1					
Endrin	U	ND	0.399	1.60	ug/kg	0.166	1					
Endrin aldehyde	U	ND	0.399	1.60	ug/kg	0.166	1					
Endrin ketone	U	ND	0.399	1.60	ug/kg	0.166	1					
Heptachlor	U	ND	0.200	0.799	ug/kg	0.166	1					
Heptachlor epoxide	U	ND	0.200	0.799	ug/kg	0.166	1					
Methoxychlor	U	ND	2.00	7.99	ug/kg	0.166	1					
Toxaphene	U	ND	6.65	20.0	ug/kg	0.166	1					
alpha-BHC	U	ND	0.200	0.799	ug/kg	0.166	1					
beta-BHC	U	ND	0.200	0.799	ug/kg	0.166	1					
delta-BHC	U	ND	0.200	0.799	ug/kg	0.166	1					
gamma-BHC (Lindane)	U	ND	0.200	0.799	ug/kg	0.166	1					
cis-Chlordane	JP	0.407	0.200	0.799	ug/kg	0.166	1	YS1	04/03/26	1824	2971023	6
trans-Chlordane	JP	0.293	0.200	0.799	ug/kg	0.166	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.226	0.180	0.449	mg/kg	37.4	1	BR2	04/07/26	1418	2971614	7
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.345	1.03	ug/kg	0.861	1	CO1	04/03/26	1307	2972240	8
1,1,2,2-Tetrachloroethane	U	ND	0.345	1.03	ug/kg	0.861	1					
1,1,2-Trichloroethane	U	ND	0.345	1.03	ug/kg	0.861	1					
1,1-Dichloroethane	U	ND	0.345	1.03	ug/kg	0.861	1					
1,1-Dichloroethylene	U	ND	0.345	1.03	ug/kg	0.861	1					
1,2,3-Trichlorobenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
1,2,4-Trichlorobenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
1,2-Dibromo-3-chloropropane	U	ND	0.517	1.03	ug/kg	0.861	1					
1,2-Dibromoethane	U	ND	0.345	1.03	ug/kg	0.861	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-17-3.0 Project: RVDE00226C
Sample ID: 769624016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dichlorobenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
1,2-Dichloroethane	U	ND	0.345	1.03	ug/kg	0.861	1					
1,2-Dichloropropane	U	ND	0.345	1.03	ug/kg	0.861	1					
1,3-Dichlorobenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
1,4-Dichlorobenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
1,4-Dioxane	U	ND	17.2	51.7	ug/kg	0.861	1					
2-Butanone		5.51	1.72	5.17	ug/kg	0.861	1					
2-Hexanone	U	ND	1.72	5.17	ug/kg	0.861	1					
4-Methyl-2-pentanone	U	ND	1.72	5.17	ug/kg	0.861	1					
Acetone		26.8	1.72	5.17	ug/kg	0.861	1					
Benzene	U	ND	0.345	1.03	ug/kg	0.861	1					
Bromochloromethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Bromodichloromethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Bromoform	U	ND	0.345	1.03	ug/kg	0.861	1					
Bromomethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Carbon disulfide	U	ND	1.72	5.17	ug/kg	0.861	1					
Carbon tetrachloride	U	ND	0.345	1.03	ug/kg	0.861	1					
Chlorobenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
Chloroethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Chloroform	U	ND	0.345	1.03	ug/kg	0.861	1					
Chloromethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Cyclohexane	U	ND	0.345	1.03	ug/kg	0.861	1					
Dibromochloromethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Dichlorodifluoromethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Ethylbenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
Isopropylbenzene	U	ND	0.345	1.03	ug/kg	0.861	1					
Methyl acetate	U	ND	1.72	5.17	ug/kg	0.861	1					
Methylcyclohexane	U	ND	0.345	1.03	ug/kg	0.861	1					
Methylene chloride	U	ND	1.72	5.17	ug/kg	0.861	1					
Styrene	U	ND	0.345	1.03	ug/kg	0.861	1					
Tetrachloroethylene	U	ND	0.345	1.03	ug/kg	0.861	1					
Toluene	U	ND	0.345	1.03	ug/kg	0.861	1					
Trichloroethylene	U	ND	0.345	1.03	ug/kg	0.861	1					
Trichlorofluoromethane	U	ND	0.345	1.03	ug/kg	0.861	1					
Trichlorotrifluoroethane	U	ND	1.72	5.17	ug/kg	0.861	1					
Vinyl chloride	U	ND	0.345	1.03	ug/kg	0.861	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-3.0	Project:	RVDE00226C
Sample ID:	769624016	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
cis-1,2-Dichloroethylene	U	ND	0.345	1.03	ug/kg	0.861	1					
cis-1,3-Dichloropropylene	U	ND	0.345	1.03	ug/kg	0.861	1					
m,p-Xylenes	U	ND	0.690	2.07	ug/kg	0.861	1					
o-Xylene	U	ND	0.345	1.03	ug/kg	0.861	1					
tert-Butyl methyl ether	U	ND	0.345	1.03	ug/kg	0.861	1					
trans-1,2-Dichloroethylene	U	ND	0.345	1.03	ug/kg	0.861	1					
trans-1,3-Dichloropropylene	U	ND	0.345	1.03	ug/kg	0.861	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3546	Prep Method 3546 for Solid	DS5	04/03/26	0830	2971442
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 5035	5035 Prep	CO1	03/23/26	1150	2972238
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3546	Prep Method 3546 for Solid	JG3	04/08/26	0651	2974049
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3546	Prep Method 3546 for Solid	DC2	04/03/26	0751	2971021
SW846 3546	Prep Method 3546 for Solid	DC2	04/07/26	0852	2973093

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 3546/8082A	
5	SW846 3546/8081B	
6	SW846 3546/8081B	
7	SW846 7196A	
8	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1990	58	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1220 ug/kg	1990	61	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1450 ug/kg	1990	73	(24%-107%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-17-3.0	Project:	RVDE00226C
Sample ID:	769624016	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time Batch	Method
2,4,6-Tribromophenol		8270 TCL BNA "Dry Weight Corrected"		2850	ug/kg		3990	72	(20%-104%)	
2-Fluorophenol		8270 TCL BNA "Dry Weight Corrected"		2770	ug/kg		3990	70	(19%-94%)	
Phenol-d5		8270 TCL BNA "Dry Weight Corrected"		2810	ug/kg		3990	70	(20%-99%)	
4cmx		SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"		5.68	ug/kg		8.01	71	(24%-110%)	
Decachlorobiphenyl		SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"		6.32	ug/kg		8.01	79	(25%-133%)	
Decachlorobiphenyl		SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"		26.9	ug/kg		39.9	67	(32%-150%)	
4cmx		SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"		27.7	ug/kg		39.9	69	(23%-137%)	
Bromofluorobenzene		SW846 8260 TCL Volatiles "Dry Weight Corrected"		47.3	ug/kg		50.0	92	(67%-136%)	
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "Dry Weight Corrected"		46.4	ug/kg		50.0	90	(75%-131%)	
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		48.8	ug/kg		50.0	94	(79%-122%)	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-22-3.0	Project:	RVDE00226C
Sample ID:	769624017	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 13:35		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	13.5%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.30	24.8	ug/kg	107	1	PB1	03/27/26	1031	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8860000	6810	20000	ug/kg	86.7	1	EM2	03/30/26	1553	2967012	2
Beryllium		725	100	501	ug/kg	86.7	1					
Sodium		897000	7020	25100	ug/kg	86.7	1					
Thallium	U	ND	501	2000	ug/kg	86.7	1					
Antimony	U	ND	3310	20000	ug/kg	86.7	10	EM2	03/30/26	1628	2967012	3
Arsenic	J	9510	5010	30100	ug/kg	86.7	10					
Barium		123000	1000	5010	ug/kg	86.7	10					
Cadmium	U	ND	1000	5010	ug/kg	86.7	10					
Calcium		211000000	80200	251000	ug/kg	86.7	10					
Chromium		381000	1500	10000	ug/kg	86.7	10					
Cobalt		6130	1500	5010	ug/kg	86.7	10					
Copper		78100	3010	20000	ug/kg	86.7	10					
Iron		92300000	80200	251000	ug/kg	86.7	10					
Lead		40900	3310	20000	ug/kg	86.7	10					
Magnesium		13700000	85200	301000	ug/kg	86.7	10					
Nickel		44100	1500	5010	ug/kg	86.7	10					
Potassium		376000	64100	251000	ug/kg	86.7	10					
Selenium	J	17800	5010	30100	ug/kg	86.7	10					
Silver	J	1020	1000	5010	ug/kg	86.7	10					
Vanadium		183000	1000	5010	ug/kg	86.7	10					
Zinc		155000	4010	20000	ug/kg	86.7	10					
Manganese		9770000	4010	20000	ug/kg	86.7	20	EM2	04/02/26	1618	2967012	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	115	385	ug/kg	0.0333	1	LL2	04/06/26	1705	2972177	5
1,2,4,5-Tetrachlorobenzene	U	ND	115	385	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	115	385	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	115	385	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	115	385	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	115	385	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	115	385	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	115	769	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-22-3.0	Project:	RVDE00226C
Sample ID:	769624017	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	115	385	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	115	385	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.5	38.5	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	115	385	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	115	385	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	11.5	38.5	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	115	385	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	115	385	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	115	385	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	154	385	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	115	385	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	115	385	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	115	385	ug/kg	0.0333	1					
Acenaphthene	U	ND	11.5	38.5	ug/kg	0.0333	1					
Acenaphthylene	U	ND	11.5	38.5	ug/kg	0.0333	1					
Acetophenone	U	ND	115	385	ug/kg	0.0333	1					
Anthracene	U	ND	11.5	38.5	ug/kg	0.0333	1					
Atrazine	U	ND	154	385	ug/kg	0.0333	1					
Benzaldehyde	U	ND	115	385	ug/kg	0.0333	1					
Benzo(a)anthracene	J	18.5	11.5	38.5	ug/kg	0.0333	1					
Benzo(a)pyrene	J	17.3	11.5	38.5	ug/kg	0.0333	1					
Benzo(b)fluoranthene	J	26.5	11.5	38.5	ug/kg	0.0333	1					
Benzo(ghi)perylene	J	16.9	11.5	38.5	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	11.5	38.5	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.5	38.5	ug/kg	0.0333	1					
Carbazole	U	ND	11.5	38.5	ug/kg	0.0333	1					
Chrysene	J	18.8	11.5	38.5	ug/kg	0.0333	1					
Di-n-butylphthalate	J	14.6	11.5	38.5	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	11.5	38.5	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	11.5	38.5	ug/kg	0.0333	1					
Dibenzofuran	U	ND	115	385	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.5	38.5	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	11.5	38.5	ug/kg	0.0333	1					
Diphenylamine	U	ND	115	385	ug/kg	0.0333	1					
Fluoranthene		41.2	11.5	38.5	ug/kg	0.0333	1					
Fluorene	U	ND	11.5	38.5	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-22-3.0 Project: RVDE00226C
Sample ID: 769624017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	115	385	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	115	385	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	115	385	ug/kg	0.0333	1					
Hexachloroethane	U	ND	115	385	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	J	15.8	11.5	38.5	ug/kg	0.0333	1					
Isophorone	U	ND	115	385	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	115	385	ug/kg	0.0333	1					
Naphthalene	U	ND	11.5	38.5	ug/kg	0.0333	1					
Nitrobenzene	U	ND	115	385	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	115	385	ug/kg	0.0333	1					
Phenanthrene	J	23.5	11.5	38.5	ug/kg	0.0333	1					
Phenol	U	ND	115	385	ug/kg	0.0333	1					
Pyrene	J	32.3	11.5	38.5	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	115	385	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	115	385	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	115	385	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	J	21.5	11.5	38.5	ug/kg	0.0333	1					
m,p-Cresols	U	ND	115	385	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	115	385	ug/kg	0.0333	1					
o-Cresol	U	ND	115	385	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	127	385	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	115	385	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.163	0.407	mg/kg	35.2	1	BR2	04/07/26	1418	2971614	6
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.210	0.632	ug/kg	0.547	1	CO1	04/03/26	1332	2972240	7
1,1,2,2-Tetrachloroethane	U	ND	0.210	0.632	ug/kg	0.547	1					
1,1,2-Trichloroethane	U	ND	0.210	0.632	ug/kg	0.547	1					
1,1-Dichloroethane	U	ND	0.210	0.632	ug/kg	0.547	1					
1,1-Dichloroethylene	U	ND	0.210	0.632	ug/kg	0.547	1					
1,2,3-Trichlorobenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
1,2,4-Trichlorobenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
1,2-Dibromo-3-chloropropane	U	ND	0.316	0.632	ug/kg	0.547	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-22-3.0 Project: RVDE00226C
Sample ID: 769624017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.210	0.632	ug/kg	0.547	1					
1,2-Dichlorobenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
1,2-Dichloroethane	U	ND	0.210	0.632	ug/kg	0.547	1					
1,2-Dichloropropane	U	ND	0.210	0.632	ug/kg	0.547	1					
1,3-Dichlorobenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
1,4-Dichlorobenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
1,4-Dioxane	U	ND	10.5	31.6	ug/kg	0.547	1					
2-Butanone	U	ND	1.05	3.16	ug/kg	0.547	1					
2-Hexanone	U	ND	1.05	3.16	ug/kg	0.547	1					
4-Methyl-2-pentanone	U	ND	1.05	3.16	ug/kg	0.547	1					
Acetone	J	3.10	1.05	3.16	ug/kg	0.547	1					
Benzene	U	ND	0.210	0.632	ug/kg	0.547	1					
Bromochloromethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Bromodichloromethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Bromoform	U	ND	0.210	0.632	ug/kg	0.547	1					
Bromomethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Carbon disulfide	U	ND	1.05	3.16	ug/kg	0.547	1					
Carbon tetrachloride	U	ND	0.210	0.632	ug/kg	0.547	1					
Chlorobenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
Chloroethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Chloroform	U	ND	0.210	0.632	ug/kg	0.547	1					
Chloromethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Cyclohexane	U	ND	0.210	0.632	ug/kg	0.547	1					
Dibromochloromethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Dichlorodifluoromethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Ethylbenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
Isopropylbenzene	U	ND	0.210	0.632	ug/kg	0.547	1					
Methyl acetate	U	ND	1.05	3.16	ug/kg	0.547	1					
Methylcyclohexane	U	ND	0.210	0.632	ug/kg	0.547	1					
Methylene chloride	U	ND	1.05	3.16	ug/kg	0.547	1					
Styrene	U	ND	0.210	0.632	ug/kg	0.547	1					
Tetrachloroethylene		2.07	0.210	0.632	ug/kg	0.547	1					
Toluene	U	ND	0.210	0.632	ug/kg	0.547	1					
Trichloroethylene	U	ND	0.210	0.632	ug/kg	0.547	1					
Trichlorofluoromethane	U	ND	0.210	0.632	ug/kg	0.547	1					
Trichlorotrifluoroethane	U	ND	1.05	3.16	ug/kg	0.547	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-22-3.0	Project:	RVDE00226C
Sample ID:	769624017	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.210	0.632	ug/kg	0.547	1					
cis-1,2-Dichloroethylene	U	ND	0.210	0.632	ug/kg	0.547	1					
cis-1,3-Dichloropropylene	U	ND	0.210	0.632	ug/kg	0.547	1					
m,p-Xylenes	U	ND	0.422	1.26	ug/kg	0.547	1					
o-Xylene	U	ND	0.210	0.632	ug/kg	0.547	1					
tert-Butyl methyl ether	U	ND	0.210	0.632	ug/kg	0.547	1					
trans-1,2-Dichloroethylene	U	ND	0.210	0.632	ug/kg	0.547	1					
trans-1,3-Dichloropropylene	U	ND	0.210	0.632	ug/kg	0.547	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 5035	5035 Prep	CO1	03/23/26	1335	2972238
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1110 ug/kg	1920	58	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1090 ug/kg	1920	57	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	1920	72	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1980 ug/kg	3850	52	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2360 ug/kg	3850	61	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2490 ug/kg	3850	65	(20%-99%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight	27.9 ug/kg	50.0	88	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-22-3.0	Project:	RVDE00226C
Sample ID:	769624017	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
		Corrected"										
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "Dry Weight Corrected"		29.2	ug/kg	50.0		92		(75%-131%)		
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		29.6	ug/kg	50.0		94		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-21-2.0	Project:	RVDE00226C
Sample ID:	769624018	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 14:00		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	50%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		114	15.6	46.5	ug/kg	116	1	PB1	03/27/26	1033	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1580000	12900	37900	ug/kg	94.7	1	EM2	03/30/26	1555	2967012	2
Antimony		26400	625	3790	ug/kg	94.7	1					
Arsenic	J	2900	947	5680	ug/kg	94.7	1					
Beryllium	U	ND	189	947	ug/kg	94.7	1					
Cadmium	U	ND	189	947	ug/kg	94.7	1					
Calcium		41000000	15200	47300	ug/kg	94.7	1					
Chromium		7070	284	1890	ug/kg	94.7	1					
Copper		103000	568	3790	ug/kg	94.7	1					
Iron		6530000	15200	47300	ug/kg	94.7	1					
Lead		195000	625	3790	ug/kg	94.7	1					
Magnesium		1660000	16100	56800	ug/kg	94.7	1					
Manganese		247000	379	1890	ug/kg	94.7	1					
Nickel		3820	284	947	ug/kg	94.7	1					
Potassium		531000	12100	47300	ug/kg	94.7	1					
Selenium	J	4080	947	5680	ug/kg	94.7	1					
Silver	U	ND	189	947	ug/kg	94.7	1					
Sodium		266000	13300	47300	ug/kg	94.7	1					
Thallium	U	ND	947	3790	ug/kg	94.7	1					
Vanadium		5130	189	947	ug/kg	94.7	1					
Zinc		118000	758	3790	ug/kg	94.7	1					
Barium		3800000	947	4730	ug/kg	94.7	5	EM2	04/02/26	1621	2967012	3
Cobalt	U	ND	1420	4730	ug/kg	94.7	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	199	662	ug/kg	0.0331	1	BM1	04/02/26	2329	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	199	662	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	199	662	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	199	662	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	199	662	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	199	662	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	199	662	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	199	1320	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21-2.0 Project: RVDE00226C
Sample ID: 769624018 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	199	662	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	199	662	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	19.9	66.2	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	199	662	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	199	662	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	19.9	66.2	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	199	662	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	199	662	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	199	662	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	265	662	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	199	662	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	199	662	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	199	662	ug/kg	0.0331	1					
Acenaphthene	U	ND	19.9	66.2	ug/kg	0.0331	1					
Acenaphthylene	J	38.4	19.9	66.2	ug/kg	0.0331	1					
Acetophenone	U	ND	199	662	ug/kg	0.0331	1					
Anthracene	J	33.8	19.9	66.2	ug/kg	0.0331	1					
Atrazine	U	ND	265	662	ug/kg	0.0331	1					
Benzaldehyde		1270	199	662	ug/kg	0.0331	1					
Benzo(a)anthracene		113	19.9	66.2	ug/kg	0.0331	1					
Benzo(a)pyrene		137	19.9	66.2	ug/kg	0.0331	1					
Benzo(b)fluoranthene		297	19.9	66.2	ug/kg	0.0331	1					
Benzo(ghi)perylene		195	19.9	66.2	ug/kg	0.0331	1					
Benzo(k)fluoranthene		82.1	19.9	66.2	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	19.9	66.2	ug/kg	0.0331	1					
Carbazole	U	ND	19.9	66.2	ug/kg	0.0331	1					
Chrysene		160	19.9	66.2	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	19.9	66.2	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	19.9	66.2	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	35.8	19.9	66.2	ug/kg	0.0331	1					
Dibenzofuran	U	ND	199	662	ug/kg	0.0331	1					
Diethylphthalate	U	ND	19.9	66.2	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	19.9	66.2	ug/kg	0.0331	1					
Diphenylamine	U	ND	199	662	ug/kg	0.0331	1					
Fluoranthene		127	19.9	66.2	ug/kg	0.0331	1					
Fluorene	U	ND	19.9	66.2	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-21-2.0	Project:	RVDE00226C
Sample ID:	769624018	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	199	662	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	199	662	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	199	662	ug/kg	0.0331	1					
Hexachloroethane	U	ND	199	662	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		163	19.9	66.2	ug/kg	0.0331	1					
Isophorone	U	ND	199	662	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	199	662	ug/kg	0.0331	1					
Naphthalene	U	ND	19.9	66.2	ug/kg	0.0331	1					
Nitrobenzene	U	ND	199	662	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	199	662	ug/kg	0.0331	1					
Phenanthrene	J	54.3	19.9	66.2	ug/kg	0.0331	1					
Phenol	U	ND	199	662	ug/kg	0.0331	1					
Pyrene		120	19.9	66.2	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	199	662	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	199	662	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	199	662	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		76.8	19.9	66.2	ug/kg	0.0331	1					
m,p-Cresols	U	ND	199	662	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	199	662	ug/kg	0.0331	1					
o-Cresol	U	ND	199	662	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	219	662	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	199	662	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	3.03	7.58	mg/kg	37.9	10	BR2	04/07/26	1418	2971614	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-21-2.0	Project:	RVDE00226C
Sample ID:	769624018	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1440 ug/kg	3310	43	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1610 ug/kg	3310	49	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1660 ug/kg	3310	50	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3840 ug/kg	6620	58	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3270 ug/kg	6620	49	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3230 ug/kg	6620	49	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21.4.0
Sample ID: 769624019
Matrix: Soil
Collect Date: 23-MAR-26 14:05
Receive Date: 24-MAR-26
Collector: Client
Moisture: 10.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.25	24.6	ug/kg	111	1	PB1	03/27/26	1038	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2280000	7490	22000	ug/kg	99.0	1	EM2	03/30/26	1558	2967012	2
Antimony	J	368	363	2200	ug/kg	99.0	1					
Arsenic	J	1710	551	3300	ug/kg	99.0	1					
Barium		16100	110	551	ug/kg	99.0	1					
Beryllium	U	ND	110	551	ug/kg	99.0	1					
Cadmium	U	ND	110	551	ug/kg	99.0	1					
Calcium		702000	8810	27500	ug/kg	99.0	1					
Chromium		6110	165	1100	ug/kg	99.0	1					
Cobalt	U	ND	165	551	ug/kg	99.0	1					
Copper	J	1710	330	2200	ug/kg	99.0	1					
Iron		4180000	8810	27500	ug/kg	99.0	1					
Lead		3980	363	2200	ug/kg	99.0	1					
Magnesium		144000	9360	33000	ug/kg	99.0	1					
Manganese		14100	220	1100	ug/kg	99.0	1					
Nickel	J	420	165	551	ug/kg	99.0	1					
Potassium		154000	7050	27500	ug/kg	99.0	1					
Selenium	J	680	551	3300	ug/kg	99.0	1					
Silver	U	ND	110	551	ug/kg	99.0	1					
Sodium	J	15100	7710	27500	ug/kg	99.0	1					
Thallium	U	ND	551	2200	ug/kg	99.0	1					
Vanadium		11900	110	551	ug/kg	99.0	1					
Zinc		2530	440	2200	ug/kg	99.0	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	110	368	ug/kg	0.0331	1	LL2	04/06/26	1728	2972177	3
1,2,4,5-Tetrachlorobenzene	U	ND	110	368	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	110	368	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	110	737	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21.4.0 Project: RVDE00226C
Sample ID: 769624019 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	110	368	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	110	368	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.0	36.8	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	110	368	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	11.0	36.8	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	110	368	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	110	368	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	110	368	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	147	368	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	110	368	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	110	368	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	110	368	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.0	36.8	ug/kg	0.0331	1					
Acenaphthylene	U	ND	11.0	36.8	ug/kg	0.0331	1					
Acetophenone	U	ND	110	368	ug/kg	0.0331	1					
Anthracene	U	ND	11.0	36.8	ug/kg	0.0331	1					
Atrazine	U	ND	147	368	ug/kg	0.0331	1					
Benzaldehyde	U	ND	110	368	ug/kg	0.0331	1					
Benzo(a)anthracene		47.9	11.0	36.8	ug/kg	0.0331	1					
Benzo(a)pyrene		43.5	11.0	36.8	ug/kg	0.0331	1					
Benzo(b)fluoranthene		56.7	11.0	36.8	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	32.8	11.0	36.8	ug/kg	0.0331	1					
Benzo(k)fluoranthene	J	18.0	11.0	36.8	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Carbazole	U	ND	11.0	36.8	ug/kg	0.0331	1					
Chrysene		44.6	11.0	36.8	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	11.0	36.8	ug/kg	0.0331	1					
Dibenzofuran	U	ND	110	368	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Diphenylamine	U	ND	110	368	ug/kg	0.0331	1					
Fluoranthene		67.8	11.0	36.8	ug/kg	0.0331	1					
Fluorene	U	ND	11.0	36.8	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21.4.0 Project: RVDE00226C
Sample ID: 769624019 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	110	368	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	110	368	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	110	368	ug/kg	0.0331	1					
Hexachloroethane	U	ND	110	368	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	32.4	11.0	36.8	ug/kg	0.0331	1					
Isophorone	U	ND	110	368	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	110	368	ug/kg	0.0331	1					
Naphthalene	U	ND	11.0	36.8	ug/kg	0.0331	1					
Nitrobenzene	U	ND	110	368	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	110	368	ug/kg	0.0331	1					
Phenanthrene	U	ND	11.0	36.8	ug/kg	0.0331	1					
Phenol	U	ND	110	368	ug/kg	0.0331	1					
Pyrene		73.7	11.0	36.8	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	110	368	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	110	368	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	110	368	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
m,p-Cresols	U	ND	110	368	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	110	368	ug/kg	0.0331	1					
o-Cresol	U	ND	110	368	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	122	368	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	110	368	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.733	0.121	0.304	mg/kg	27.3	1	BR2	04/07/26	1418	2971614	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.299	0.899	ug/kg	0.808	1	CO1	04/03/26	1358	2972240	5
1,1,2,2-Tetrachloroethane	U	ND	0.299	0.899	ug/kg	0.808	1					
1,1,2-Trichloroethane	U	ND	0.299	0.899	ug/kg	0.808	1					
1,1-Dichloroethane	U	ND	0.299	0.899	ug/kg	0.808	1					
1,1-Dichloroethylene	U	ND	0.299	0.899	ug/kg	0.808	1					
1,2,3-Trichlorobenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
1,2,4-Trichlorobenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
1,2-Dibromo-3-chloropropane	U	ND	0.449	0.899	ug/kg	0.808	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21.4.0 Project: RVDE00226C
Sample ID: 769624019 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.299	0.899	ug/kg	0.808	1					
1,2-Dichlorobenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
1,2-Dichloroethane	U	ND	0.299	0.899	ug/kg	0.808	1					
1,2-Dichloropropane	U	ND	0.299	0.899	ug/kg	0.808	1					
1,3-Dichlorobenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
1,4-Dichlorobenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
1,4-Dioxane	U	ND	15.0	44.9	ug/kg	0.808	1					
2-Butanone	U	ND	1.50	4.49	ug/kg	0.808	1					
2-Hexanone	U	ND	1.50	4.49	ug/kg	0.808	1					
4-Methyl-2-pentanone	U	ND	1.50	4.49	ug/kg	0.808	1					
Acetone	U	ND	1.50	4.49	ug/kg	0.808	1					
Benzene	U	ND	0.299	0.899	ug/kg	0.808	1					
Bromochloromethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Bromodichloromethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Bromoform	U	ND	0.299	0.899	ug/kg	0.808	1					
Bromomethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Carbon disulfide	U	ND	1.50	4.49	ug/kg	0.808	1					
Carbon tetrachloride	U	ND	0.299	0.899	ug/kg	0.808	1					
Chlorobenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
Chloroethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Chloroform	U	ND	0.299	0.899	ug/kg	0.808	1					
Chloromethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Cyclohexane	U	ND	0.299	0.899	ug/kg	0.808	1					
Dibromochloromethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Dichlorodifluoromethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Ethylbenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
Isopropylbenzene	U	ND	0.299	0.899	ug/kg	0.808	1					
Methyl acetate	U	ND	1.50	4.49	ug/kg	0.808	1					
Methylcyclohexane	U	ND	0.299	0.899	ug/kg	0.808	1					
Methylene chloride	U	ND	1.50	4.49	ug/kg	0.808	1					
Styrene	U	ND	0.299	0.899	ug/kg	0.808	1					
Tetrachloroethylene	U	ND	0.299	0.899	ug/kg	0.808	1					
Toluene	U	ND	0.299	0.899	ug/kg	0.808	1					
Trichloroethylene	U	ND	0.299	0.899	ug/kg	0.808	1					
Trichlorofluoromethane	U	ND	0.299	0.899	ug/kg	0.808	1					
Trichlorotrifluoroethane	U	ND	1.50	4.49	ug/kg	0.808	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21.4.0 Project: RVDE00226C
Sample ID: 769624019 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.299	0.899	ug/kg	0.808	1					
cis-1,2-Dichloroethylene	U	ND	0.299	0.899	ug/kg	0.808	1					
cis-1,3-Dichloropropylene	U	ND	0.299	0.899	ug/kg	0.808	1					
m,p-Xylenes	U	ND	0.600	1.80	ug/kg	0.808	1					
o-Xylene	U	ND	0.299	0.899	ug/kg	0.808	1					
tert-Butyl methyl ether	U	ND	0.299	0.899	ug/kg	0.808	1					
trans-1,2-Dichloroethylene	U	ND	0.299	0.899	ug/kg	0.808	1					
trans-1,3-Dichloropropylene	U	ND	0.299	0.899	ug/kg	0.808	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	CO1	03/23/26	1405	2972238
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	939 ug/kg	1840	51	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	919 ug/kg	1840	50	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1120 ug/kg	1840	61	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2150 ug/kg	3680	59	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1980 ug/kg	3680	54	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2040 ug/kg	3680	55	(20%-99%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	39.3 ug/kg	50.0	87	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	39.7 ug/kg	50.0	88	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-21.4.0	Project:	RVDE00226C
Sample ID:	769624019	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		41.9	ug/kg	50.0		93		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-2.0	Project:	RVDE00226C
Sample ID:	769624020	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26 14:40		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	11.5%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		117	7.73	23.1	ug/kg	102	1	PB1	03/27/26	1039	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony	J	1520	327	1980	ug/kg	87.6	1	EM2	03/30/26	1600	2967012	2
Arsenic		9050	495	2970	ug/kg	87.6	1					
Barium		76300	99.0	495	ug/kg	87.6	1					
Beryllium	J	323	99.0	495	ug/kg	87.6	1					
Cadmium		2580	99.0	495	ug/kg	87.6	1					
Chromium		259000	148	990	ug/kg	87.6	1					
Cobalt		13500	148	495	ug/kg	87.6	1					
Copper		104000	297	1980	ug/kg	87.6	1					
Iron		44100000	7920	24700	ug/kg	87.6	1					
Lead		111000	327	1980	ug/kg	87.6	1					
Magnesium		9590000	8410	29700	ug/kg	87.6	1					
Nickel		21900	148	495	ug/kg	87.6	1					
Potassium		492000	6330	24700	ug/kg	87.6	1					
Selenium	J	783	495	2970	ug/kg	87.6	1					
Sodium		231000	6930	24700	ug/kg	87.6	1					
Thallium	U	ND	495	1980	ug/kg	87.6	1					
Vanadium		51900	99.0	495	ug/kg	87.6	1					
Aluminum		7300000	33600	99000	ug/kg	87.6	5	EM2	04/02/26	1623	2967012	3
Calcium		68000000	39600	124000	ug/kg	87.6	5					
Manganese		3850000	990	4950	ug/kg	87.6	5					
Silver	J	1660	495	2470	ug/kg	87.6	5					
Zinc		474000	1980	9900	ug/kg	87.6	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	374	ug/kg	0.0331	1	BM1	04/03/26	0013	2970789	4
1,2,4,5-Tetrachlorobenzene	U	ND	112	374	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	374	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	112	374	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	112	374	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	112	374	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	112	374	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	112	747	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-2.0 Project: RVDE00226C
Sample ID: 769624020 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	374	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	112	374	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.2	37.4	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	112	374	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	374	ug/kg	0.0331	1					
2-Methylnaphthalene	J	20.2	11.2	37.4	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	112	374	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	112	374	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	112	374	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	149	374	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	112	374	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	112	374	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	112	374	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.2	37.4	ug/kg	0.0331	1					
Acenaphthylene	J	14.9	11.2	37.4	ug/kg	0.0331	1					
Acetophenone	U	ND	112	374	ug/kg	0.0331	1					
Anthracene	J	19.8	11.2	37.4	ug/kg	0.0331	1					
Atrazine	U	ND	149	374	ug/kg	0.0331	1					
Benzaldehyde	U	ND	112	374	ug/kg	0.0331	1					
Benzo(a)anthracene		49.7	11.2	37.4	ug/kg	0.0331	1					
Benzo(a)pyrene		43.0	11.2	37.4	ug/kg	0.0331	1					
Benzo(b)fluoranthene		105	11.2	37.4	ug/kg	0.0331	1					
Benzo(ghi)perylene		48.6	11.2	37.4	ug/kg	0.0331	1					
Benzo(k)fluoranthene	J	31.8	11.2	37.4	ug/kg	0.0331	1					
Butylbenzylphthalate	J	14.2	11.2	37.4	ug/kg	0.0331	1					
Carbazole	U	ND	11.2	37.4	ug/kg	0.0331	1					
Chrysene		72.9	11.2	37.4	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.2	37.4	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.2	37.4	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.4	ug/kg	0.0331	1					
Dibenzofuran	U	ND	112	374	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.2	37.4	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.2	37.4	ug/kg	0.0331	1					
Diphenylamine	U	ND	112	374	ug/kg	0.0331	1					
Fluoranthene		87.1	11.2	37.4	ug/kg	0.0331	1					
Fluorene	U	ND	11.2	37.4	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-2.0	Project:	RVDE00226C
Sample ID:	769624020	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	374	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	112	374	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	112	374	ug/kg	0.0331	1					
Hexachloroethane	U	ND	112	374	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		47.1	11.2	37.4	ug/kg	0.0331	1					
Isophorone	U	ND	112	374	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	112	374	ug/kg	0.0331	1					
Naphthalene	J	11.2	11.2	37.4	ug/kg	0.0331	1					
Nitrobenzene	U	ND	112	374	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	112	374	ug/kg	0.0331	1					
Phenanthrene		49.0	11.2	37.4	ug/kg	0.0331	1					
Phenol	U	ND	112	374	ug/kg	0.0331	1					
Pyrene		94.9	11.2	37.4	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	374	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	112	374	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	112	374	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		47.5	11.2	37.4	ug/kg	0.0331	1					
m,p-Cresols	U	ND	112	374	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	112	374	ug/kg	0.0331	1					
o-Cresol	U	ND	112	374	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	123	374	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	112	374	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.151	0.377	mg/kg	33.4	1	BR2	04/07/26	1418	2971614	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-18-2.0	Project:	RVDE00226C
Sample ID:	769624020	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	690 ug/kg	1870	37	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	789 ug/kg	1870	42	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1000 ug/kg	1870	54	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1680 ug/kg	3740	45	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1820 ug/kg	3740	49	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1700 ug/kg	3740	45	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-28-3.0	Project:	RVDE00226C
Sample ID:	769624021	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	24-MAR-26 14:20		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	8.69%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		126	8.60	25.7	ug/kg	117	1	PB1	03/27/26	1041	2967376	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		5930000	67500	198000	ug/kg	90.6	10	EM2	03/30/26	1603	2967012	2
Antimony	J	9720	3270	19800	ug/kg	90.6	10					
Arsenic	J	11300	4960	29800	ug/kg	90.6	10					
Barium		108000	992	4960	ug/kg	90.6	10					
Beryllium	U	ND	992	4960	ug/kg	90.6	10					
Cadmium		6750	992	4960	ug/kg	90.6	10					
Calcium		57500000	79400	248000	ug/kg	90.6	10					
Chromium		614000	1490	9920	ug/kg	90.6	10					
Cobalt		24500	1490	4960	ug/kg	90.6	10					
Copper		419000	2980	19800	ug/kg	90.6	10					
Iron		280000000	79400	248000	ug/kg	90.6	10					
Lead		228000	3270	19800	ug/kg	90.6	10					
Magnesium		14600000	84300	298000	ug/kg	90.6	10					
Manganese		7330000	1980	9920	ug/kg	90.6	10					
Nickel		139000	1490	4960	ug/kg	90.6	10					
Potassium	J	164000	63500	248000	ug/kg	90.6	10					
Selenium	J	10800	4960	29800	ug/kg	90.6	10					
Silver	J	2570	992	4960	ug/kg	90.6	10					
Sodium	J	70400	69400	248000	ug/kg	90.6	10					
Thallium	U	ND	4960	19800	ug/kg	90.6	10					
Vanadium		125000	992	4960	ug/kg	90.6	10					
Zinc		1300000	3970	19800	ug/kg	90.6	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	109	363	ug/kg	0.0332	1	BM1	04/03/26	0036	2970789	3
1,2,4,5-Tetrachlorobenzene	U	ND	109	363	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	109	363	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	109	363	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	109	363	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	109	363	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	109	363	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	109	727	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-3.0 Project: RVDE00226C
Sample ID: 769624021 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	109	363	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	109	363	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	10.9	36.3	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	109	363	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	109	363	ug/kg	0.0332	1					
2-Methylnaphthalene	J	23.3	10.9	36.3	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	109	363	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	109	363	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	109	363	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	145	363	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	109	363	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	109	363	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	109	363	ug/kg	0.0332	1					
Acenaphthene	U	ND	10.9	36.3	ug/kg	0.0332	1					
Acenaphthylene	U	ND	10.9	36.3	ug/kg	0.0332	1					
Acetophenone	U	ND	109	363	ug/kg	0.0332	1					
Anthracene	J	12.0	10.9	36.3	ug/kg	0.0332	1					
Atrazine	U	ND	145	363	ug/kg	0.0332	1					
Benzaldehyde	U	ND	109	363	ug/kg	0.0332	1					
Benzo(a)anthracene	J	24.7	10.9	36.3	ug/kg	0.0332	1					
Benzo(a)pyrene	J	29.8	10.9	36.3	ug/kg	0.0332	1					
Benzo(b)fluoranthene		56.3	10.9	36.3	ug/kg	0.0332	1					
Benzo(ghi)perylene		36.7	10.9	36.3	ug/kg	0.0332	1					
Benzo(k)fluoranthene	J	16.7	10.9	36.3	ug/kg	0.0332	1					
Butylbenzylphthalate	J	18.9	10.9	36.3	ug/kg	0.0332	1					
Carbazole	U	ND	10.9	36.3	ug/kg	0.0332	1					
Chrysene	J	33.4	10.9	36.3	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	10.9	36.3	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	10.9	36.3	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	10.9	36.3	ug/kg	0.0332	1					
Dibenzofuran	U	ND	109	363	ug/kg	0.0332	1					
Diethylphthalate	U	ND	10.9	36.3	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	10.9	36.3	ug/kg	0.0332	1					
Diphenylamine	U	ND	109	363	ug/kg	0.0332	1					
Fluoranthene	J	33.8	10.9	36.3	ug/kg	0.0332	1					
Fluorene	U	ND	10.9	36.3	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-3.0 Project: RVDE00226C
Sample ID: 769624021 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	109	363	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	109	363	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	109	363	ug/kg	0.0332	1					
Hexachloroethane	U	ND	109	363	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	33.8	10.9	36.3	ug/kg	0.0332	1					
Isophorone	U	ND	109	363	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	109	363	ug/kg	0.0332	1					
Naphthalene	J	11.6	10.9	36.3	ug/kg	0.0332	1					
Nitrobenzene	U	ND	109	363	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	109	363	ug/kg	0.0332	1					
Phenanthrene	J	20.7	10.9	36.3	ug/kg	0.0332	1					
Phenol	U	ND	109	363	ug/kg	0.0332	1					
Pyrene	J	31.2	10.9	36.3	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	109	363	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	109	363	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	109	363	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	J	22.5	10.9	36.3	ug/kg	0.0332	1					
m,p-Cresols	U	ND	109	363	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	109	363	ug/kg	0.0332	1					
o-Cresol	U	ND	109	363	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	120	363	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	109	363	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.117	0.293	mg/kg	26.7	1	BR2	04/07/26	1418	2971614	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.270	0.811	ug/kg	0.740	1	CO1	04/03/26	1423	2972240	5
1,1,2,2-Tetrachloroethane	U	ND	0.270	0.811	ug/kg	0.740	1					
1,1,2-Trichloroethane	U	ND	0.270	0.811	ug/kg	0.740	1					
1,1-Dichloroethane	U	ND	0.270	0.811	ug/kg	0.740	1					
1,1-Dichloroethylene	U	ND	0.270	0.811	ug/kg	0.740	1					
1,2,3-Trichlorobenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
1,2,4-Trichlorobenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
1,2-Dibromo-3-chloropropane	U	ND	0.405	0.811	ug/kg	0.740	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-3.0 Project: RVDE00226C
Sample ID: 769624021 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.270	0.811	ug/kg	0.740	1					
1,2-Dichlorobenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
1,2-Dichloroethane	U	ND	0.270	0.811	ug/kg	0.740	1					
1,2-Dichloropropane	U	ND	0.270	0.811	ug/kg	0.740	1					
1,3-Dichlorobenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
1,4-Dichlorobenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
1,4-Dioxane	U	ND	13.5	40.5	ug/kg	0.740	1					
2-Butanone	U	ND	1.35	4.05	ug/kg	0.740	1					
2-Hexanone	U	ND	1.35	4.05	ug/kg	0.740	1					
4-Methyl-2-pentanone	U	ND	1.35	4.05	ug/kg	0.740	1					
Acetone		5.11	1.35	4.05	ug/kg	0.740	1					
Benzene	U	ND	0.270	0.811	ug/kg	0.740	1					
Bromochloromethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Bromodichloromethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Bromoform	U	ND	0.270	0.811	ug/kg	0.740	1					
Bromomethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Carbon disulfide	U	ND	1.35	4.05	ug/kg	0.740	1					
Carbon tetrachloride	U	ND	0.270	0.811	ug/kg	0.740	1					
Chlorobenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
Chloroethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Chloroform	U	ND	0.270	0.811	ug/kg	0.740	1					
Chloromethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Cyclohexane	U	ND	0.270	0.811	ug/kg	0.740	1					
Dibromochloromethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Dichlorodifluoromethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Ethylbenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
Isopropylbenzene	U	ND	0.270	0.811	ug/kg	0.740	1					
Methyl acetate	U	ND	1.35	4.05	ug/kg	0.740	1					
Methylcyclohexane	U	ND	0.270	0.811	ug/kg	0.740	1					
Methylene chloride	U	ND	1.35	4.05	ug/kg	0.740	1					
Styrene	U	ND	0.270	0.811	ug/kg	0.740	1					
Tetrachloroethylene	U	ND	0.270	0.811	ug/kg	0.740	1					
Toluene	J	0.389	0.270	0.811	ug/kg	0.740	1					
Trichloroethylene	U	ND	0.270	0.811	ug/kg	0.740	1					
Trichlorofluoromethane	U	ND	0.270	0.811	ug/kg	0.740	1					
Trichlorotrifluoroethane	U	ND	1.35	4.05	ug/kg	0.740	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-3.0 Project: RVDE00226C
Sample ID: 769624021 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.270	0.811	ug/kg	0.740	1					
cis-1,2-Dichloroethylene	U	ND	0.270	0.811	ug/kg	0.740	1					
cis-1,3-Dichloropropylene	U	ND	0.270	0.811	ug/kg	0.740	1					
m,p-Xylenes	U	ND	0.541	1.62	ug/kg	0.740	1					
o-Xylene	U	ND	0.270	0.811	ug/kg	0.740	1					
tert-Butyl methyl ether	U	ND	0.270	0.811	ug/kg	0.740	1					
trans-1,2-Dichloroethylene	U	ND	0.270	0.811	ug/kg	0.740	1					
trans-1,3-Dichloropropylene	U	ND	0.270	0.811	ug/kg	0.740	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	03/26/26	1550	2967375
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1226	2971612
SW846 3050B	SW846 3050B Prep	ES3	03/26/26	0820	2967011
SW846 5035	5035 Prep	CO1	03/24/26	1420	2972238
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/02/26	0821	2970785

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1100 ug/kg	1820	61	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1190 ug/kg	1820	66	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1320 ug/kg	1820	73	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2940 ug/kg	3630	81	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2480 ug/kg	3630	68	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2430 ug/kg	3630	67	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	36.3 ug/kg	50.0	90	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	36.1 ug/kg	50.0	89	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	38.1 ug/kg	50.0	94	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 8, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-28-3.0	Project:	RVDE00226C
Sample ID:	769624021	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company :	GEL Engineering, LLC		
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607	Report Date:	April 8, 2026
Contact:	Robert MacPhee		
Project:	Groundwater and Surface Water Sampling		

Client Sample ID:	LS-SB-18-2.0-DP	Project:	RVDE00226C
Sample ID:	769624001	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	11.8%		

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0
Sample ID: 769624002
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 11%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-4.0-DP
Sample ID: 769624003
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 11.6%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-31-3.0
Sample ID: 769624004
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 11.3%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-26-2.0
Sample ID: 769624005
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 11%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-2.0
Sample ID: 769624006
Matrix: Soil
Collect Date: 24-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 8.16%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-27-4.0
Sample ID: 769624007
Matrix: Soil
Collect Date: 24-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 15.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-1.0
Sample ID: 769624008
Matrix: Soil
Collect Date: 24-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 9.43%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-45-4.0
Sample ID: 769624009
Matrix: Soil
Collect Date: 24-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 13.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-1.0
Sample ID: 769624010
Matrix: Soil
Collect Date: 24-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 12.6%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company :	GEL Engineering, LLC		
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607	Report Date:	April 8, 2026
Contact:	Robert MacPhee		
Project:	Groundwater and Surface Water Sampling		

Client Sample ID:	LS-SB-39-3.0	Project:	RVDE00226C
Sample ID:	769624012	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	23-MAR-26		
Receive Date:	24-MAR-26		
Collector:	Client		
Moisture:	7.27%		

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-19-2.0
Sample ID: 769624013
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 7.9%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-19-4.0
Sample ID: 769624014
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 12.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-17-1.0
Sample ID: 769624015
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 23.3%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-17-3.0
Sample ID: 769624016
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 16.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-22-3.0
Sample ID: 769624017
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 13.5%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21-2.0
Sample ID: 769624018
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 50%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-21.4.0
Sample ID: 769624019
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 10.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-18-2.0
Sample ID: 769624020
Matrix: Soil
Collect Date: 23-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 11.5%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: April 8, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-28-3.0
Sample ID: 769624021
Matrix: Soil
Collect Date: 24-MAR-26
Receive Date: 24-MAR-26
Collector: Client
Moisture: 8.69%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

QC Summary

Report Date: April 8, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2967012											
QC1206417406 LCS											
Aluminum	464000			495000	ug/kg		107	(80%-120%)	EM2	03/30/26	14:52
Antimony	46400			49200	ug/kg		106	(80%-120%)			
Arsenic	46400			50800	ug/kg		110	(80%-120%)			
Barium	46400			50000	ug/kg		108	(80%-120%)			
Beryllium	46400			51400	ug/kg		111	(80%-120%)			
Cadmium	46400			50300	ug/kg		108	(80%-120%)			
Calcium	464000			511000	ug/kg		110	(80%-120%)			
Chromium	46400			50600	ug/kg		109	(80%-120%)			
Cobalt	46400			49500	ug/kg		107	(80%-120%)			
Copper	46400			50500	ug/kg		109	(80%-120%)			
Iron	464000			516000	ug/kg		111	(80%-120%)			
Lead	46400			48800	ug/kg		105	(80%-120%)			

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967012										
Magnesium	464000			520000	ug/kg		112	(80%-120%)	EM2	03/30/26 14:52
Manganese	46400			50100	ug/kg		108	(80%-120%)		
Nickel	46400			49800	ug/kg		107	(80%-120%)		
Potassium	464000			497000	ug/kg		107	(80%-120%)		
Selenium	46400			50500	ug/kg		109	(80%-120%)		
Silver	9280			10100	ug/kg		108	(80%-120%)		
Sodium	464000			498000	ug/kg		107	(80%-120%)		
Thallium	46400			51500	ug/kg		111	(80%-120%)		
Vanadium	46400			49800	ug/kg		107	(80%-120%)		
Zinc	46400			50000	ug/kg		108	(80%-120%)		
QC1206417405 MB										
Aluminum			U	ND	ug/kg					03/30/26 14:49
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967012										
Beryllium			U	ND	ug/kg				EM2	03/30/26 14:49
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			J	734	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967012											
Sodium				U	ND	ug/kg				EM2	03/30/26 14:49
Thallium				U	ND	ug/kg					
Vanadium				U	ND	ug/kg					
Zinc				U	ND	ug/kg					
QC1206417407 769624002 MS											
Aluminum	526000		5430000		6480000	ug/kg		N/A	(75%-125%)		03/30/26 14:57
Antimony	52600	U	ND		57200	ug/kg		104	(75%-125%)		03/30/26 16:13
Arsenic	52600	J	6730		63600	ug/kg		108	(75%-125%)		
Barium	52600		41000		94000	ug/kg		101	(75%-125%)		
Beryllium	52600	J	251		55600	ug/kg		105	(75%-125%)		03/30/26 14:57
Cadmium	52600	J	1680		56200	ug/kg		104	(75%-125%)		03/30/26 16:13
Calcium	526000		47800000		41500000	ug/kg		N/A	(75%-125%)		
Chromium	52600		240000		265000	ug/kg		N/A	(75%-125%)		
Cobalt	52600		6110		58000	ug/kg		98.6	(75%-125%)		
Copper	52600		194000		125000	ug/kg		0 *	(75%-125%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967012											
Iron	526000		85100000		38200000	ug/kg		N/A	(75%-125%)	EM2	03/30/26 16:13
Lead	52600		62900		89800	ug/kg		51.1*	(75%-125%)		
Magnesium	526000		4570000		3860000	ug/kg		N/A	(75%-125%)		
Manganese	52600		1920000		1280000	ug/kg		N/A	(75%-125%)		
Nickel	52600		62400		91300	ug/kg		54.9*	(75%-125%)		
Potassium	526000		290000		847000	ug/kg		106	(75%-125%)		
Selenium	52600	J	8360		53400	ug/kg		85.6	(75%-125%)		
Silver	10500	U	ND		11700	ug/kg		107	(75%-125%)		
Sodium	526000		132000		686000	ug/kg		105	(75%-125%)		03/30/26 14:57
Thallium	52600	U	ND		50500	ug/kg		96	(75%-125%)		
Vanadium	52600		70600		83600	ug/kg		24.7*	(75%-125%)		03/30/26 16:13
Zinc	52600		339000		166000	ug/kg		N/A	(75%-125%)		
QC1206417408 769624002 MSD											
Aluminum	551000		5430000		6610000	ug/kg	1.94	N/A	(0%-20%)		03/30/26 15:00
Antimony	55100	U	ND		64600	ug/kg	12.2	113	(0%-20%)		03/30/26 16:16

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2967012												
Arsenic	55100	J	6730		77500	ug/kg	19.7		129*	(0%-20%)	EM2	03/30/26 16:16
Barium	55100		41000		107000	ug/kg	13.1		120	(0%-20%)		
Beryllium	55100	J	251		56000	ug/kg	0.717		101	(0%-20%)		03/30/26 15:00
Cadmium	55100	J	1680		60700	ug/kg	7.69		107	(0%-20%)		03/30/26 16:16
Calcium	551000		47800000		40400000	ug/kg	2.72		N/A	(0%-20%)		
Chromium	55100		240000		299000	ug/kg	12.1		N/A	(0%-20%)		
Cobalt	55100		6110		63400	ug/kg	8.88		104	(0%-20%)		
Copper	55100		194000		151000	ug/kg	19		0*	(0%-20%)		
Iron	551000		85100000		47600000	ug/kg	21.9	*	N/A	(0%-20%)		
Lead	55100		62900		99600	ug/kg	10.4		66.7*	(0%-20%)		
Magnesium	551000		4570000		5040000	ug/kg	26.4	*	N/A	(0%-20%)		
Manganese	55100		1920000		1680000	ug/kg	26.7	*	N/A	(0%-20%)		
Nickel	55100		62400		101000	ug/kg	10.2		70.2*	(0%-20%)		
Potassium	551000		290000		1020000	ug/kg	18.9		133*	(0%-20%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2967012												
Selenium	55100	J	8360		65200	ug/kg	19.9		103	(0%-20%)	EM2	03/30/26 16:16
Silver	11000	U	ND		12700	ug/kg	8.03		111	(0%-20%)		
Sodium	551000		132000		720000	ug/kg	4.78		107	(0%-20%)		03/30/26 15:00
Thallium	55100	U	ND		50900	ug/kg	0.711		92.3	(0%-20%)		
Vanadium	55100		70600		93000	ug/kg	10.6		40.6*	(0%-20%)		03/30/26 16:16
Zinc	55100		339000		234000	ug/kg	33.8	*	N/A	(0%-20%)		
QC1206417409 769624002 PS												
Arsenic	500	J	6.64		558	ug/L			110	(75%-125%)		03/30/26 16:18
Copper	500		191		728	ug/L			107	(75%-125%)		
Lead	500		62.0		568	ug/L			101	(75%-125%)		
Nickel	500		61.5		572	ug/L			102	(75%-125%)		
Potassium	5000		286		5700	ug/L			108	(75%-125%)		
Vanadium	500		69.6		610	ug/L			108	(75%-125%)		
QC1206417410 769624002 SDILT												
Aluminum			53500		10300	ug/L	3.49			(0%-20%)		03/30/26 15:05
Antimony		U	ND	U	ND	ug/L	N/A			(0%-20%)		03/30/26 16:20

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967012										
Arsenic	J	6.64	U	ND	ug/L	N/A		(0%-20%)	EM2	03/30/26 16:20
Barium		40.4		8.59	ug/L	6.25		(0%-20%)		
Beryllium	J	2.48	U	ND	ug/L	N/A		(0%-20%)		03/30/26 15:05
Cadmium	J	1.66	U	ND	ug/L	N/A		(0%-20%)		03/30/26 16:20
Calcium		47100		9800	ug/L	4.1		(0%-20%)		
Chromium		237		50.1	ug/L	5.84		(0%-20%)		
Cobalt		6.02	U	ND	ug/L	N/A		(0%-20%)		
Copper		191		38.7	ug/L	1.32		(0%-20%)		
Iron		83900		17700	ug/L	5.21		(0%-20%)		
Lead		62.0	J	16.1	ug/L	29.8		(0%-20%)		
Magnesium		4500		935	ug/L	3.86		(0%-20%)		
Manganese		1890		400	ug/L	5.75		(0%-20%)		
Nickel		61.5		12.4	ug/L	.801		(0%-20%)		
Potassium		286	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967012											
Selenium	J	8.24	J	7.60	ug/L	361			(0%-20%)	EM2	03/30/26 16:20
Silver	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Sodium		1310	J	245	ug/L	6.39			(0%-20%)		03/30/26 15:05
Thallium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Vanadium		69.6		14.7	ug/L	5.33			(0%-20%)		03/30/26 16:20
Zinc		334		70.0	ug/L	4.59			(0%-20%)		
Metals Analysis-Mercury											
Batch 2967376											
QC1206418055 769624002 DUP											
Mercury		41.5		43.8	ug/kg	5.52	^		(+/-25.0)	PB1	03/27/26 10:00
QC1206418054 LCS											
Mercury	226			226	ug/kg			99.8	(80%-120%)		03/27/26 09:51
QC1206418053 MB											
Mercury			U	ND	ug/kg						03/27/26 09:50
QC1206418056 769624002 MS											
Mercury	241	41.5		292	ug/kg			104	(80%-120%)		03/27/26 10:02
Semi-Volatile-GC/MS											
Batch 2970789											
QC1206424329 LCS											
1,1'-Biphenyl	1650			1190	ug/kg			72	(47%-110%)	BM1	04/02/26 16:30

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970789										
1,2,4,5-Tetrachlorobenzene	1650			1190	ug/kg		72	(42%-108%)	BM1	04/02/26 16:30
2,3,4,6-Tetrachlorophenol	1650			1290	ug/kg		78	(44%-114%)		
2,4,5-Trichlorophenol	1650			1320	ug/kg		80	(50%-121%)		
2,4,6-Trichlorophenol	1650			1280	ug/kg		78	(48%-112%)		
2,4-Dichlorophenol	1650			1330	ug/kg		81	(47%-112%)		
2,4-Dimethylphenol	1650			882	ug/kg		53	(32%-74%)		
2,4-Dinitrophenol	1650			862	ug/kg		52	(22%-89%)		
2,4-Dinitrotoluene	1650			1420	ug/kg		86	(49%-121%)		
2,6-Dinitrotoluene	1650			1400	ug/kg		85	(47%-118%)		
2-Chloronaphthalene	1650			1220	ug/kg		74	(44%-107%)		
2-Chlorophenol	1650			1270	ug/kg		77	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1650			1090	ug/kg		66	(21%-106%)		
2-Methylnaphthalene	1650			1400	ug/kg		85	(47%-109%)		
2-Nitrophenol	1650			1280	ug/kg		77	(44%-109%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970789										
3,3'-Dichlorobenzidine	1650			1100	ug/kg		66	(39%-100%)	BM1	04/02/26 16:30
4-Bromophenylphenylether	1650			1380	ug/kg		83	(50%-120%)		
4-Chloro-3-methylphenol	1650			1340	ug/kg		81	(50%-114%)		
4-Chloroaniline	1650			1090	ug/kg		66	(38%-96%)		
4-Chlorophenylphenylether	1650			1350	ug/kg		82	(50%-118%)		
4-Nitrophenol	1650			1380	ug/kg		83	(46%-120%)		
Acenaphthene	1650			1260	ug/kg		76	(45%-112%)		
Acenaphthylene	1650			1170	ug/kg		70	(43%-106%)		
Acetophenone	1650			1120	ug/kg		68	(35%-100%)		
Anthracene	1650			1330	ug/kg		80	(50%-115%)		
Atrazine	1650			1490	ug/kg		90	(51%-144%)		
Benzaldehyde	1650		J	330	ug/kg		20*	(21%-89%)		
Benzo(a)anthracene	1650			1300	ug/kg		79	(51%-117%)		
Benzo(a)pyrene	1650			1280	ug/kg		77	(48%-118%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2970789											
Benzo(b)fluoranthene	1650			1390	ug/kg		84	(51%-121%)	BM1	04/02/26	16:30
Benzo(ghi)perylene	1650			1330	ug/kg		81	(51%-125%)			
Benzo(k)fluoranthene	1650			1340	ug/kg		81	(50%-124%)			
Butylbenzylphthalate	1650			1450	ug/kg		88	(51%-133%)			
Carbazole	1650			1380	ug/kg		83	(53%-119%)			
Chrysene	1650			1260	ug/kg		76	(52%-116%)			
Di-n-butylphthalate	1650			1450	ug/kg		88	(54%-126%)			
Di-n-octylphthalate	1650			1450	ug/kg		88	(50%-133%)			
Dibenzo(a,h)anthracene	1650			1310	ug/kg		80	(48%-120%)			
Dibenzofuran	1650			1280	ug/kg		77	(50%-110%)			
Diethylphthalate	1650			1390	ug/kg		84	(52%-123%)			
Dimethylphthalate	1650			1330	ug/kg		81	(49%-124%)			
Diphenylamine	1650			1320	ug/kg		80	(51%-115%)			
Fluoranthene	1650			1420	ug/kg		86	(52%-121%)			

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970789										
Fluorene	1650			1290	ug/kg		78	(50%-116%)	BM1	04/02/26 16:30
Hexachlorobenzene	1650			1350	ug/kg		82	(48%-117%)		
Hexachlorobutadiene	1650			1240	ug/kg		75	(40%-105%)		
Hexachlorocyclopentadiene	1650			650	ug/kg		39	(26%-82%)		
Hexachloroethane	1650			1140	ug/kg		69	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1650			1340	ug/kg		81	(47%-123%)		
Isophorone	1650			1200	ug/kg		73	(37%-120%)		
N-Nitrosodipropylamine	1650			1210	ug/kg		73	(46%-113%)		
Naphthalene	1650			1220	ug/kg		74	(44%-105%)		
Nitrobenzene	1650			1230	ug/kg		75	(44%-106%)		
Pentachlorophenol	1650			1240	ug/kg		75	(36%-111%)		
Phenanthrene	1650			1280	ug/kg		77	(50%-114%)		
Phenol	1650			1250	ug/kg		75	(46%-107%)		
Pyrene	1650			1420	ug/kg		86	(53%-122%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2970789											
bis(2-Chloro-1-methylethyl)ether	1650			1140	ug/kg		69	(31%-142%)	BM1	04/02/26	16:30
bis(2-Chloroethoxy)methane	1650			1250	ug/kg		76	(45%-106%)			
bis(2-Chloroethyl) ether	1650			1220	ug/kg		74	(44%-106%)			
bis(2-Ethylhexyl)phthalate	1650			1390	ug/kg		84	(50%-134%)			
m,p-Cresols	1650			1250	ug/kg		76	(46%-106%)			
m-Nitroaniline	1650			1220	ug/kg		74	(41%-108%)			
o-Cresol	1650			1220	ug/kg		74	(45%-105%)			
o-Nitroaniline	1650			1270	ug/kg		77	(48%-117%)			
p-Nitroaniline	1650			1480	ug/kg		89	(49%-119%)			
**2,4,6-Tribromophenol	3310			2690	ug/kg		81	(20%-104%)			
**2-Fluorobiphenyl	1650			1070	ug/kg		65	(20%-93%)			
**2-Fluorophenol	3310			2460	ug/kg		74	(19%-94%)			
**Nitrobenzene-d5	1650			1060	ug/kg		64	(19%-90%)			
**Phenol-d5	3310			2420	ug/kg		73	(20%-99%)			

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2970789											
**p-Terphenyl-d14	1650			1310	ug/kg		79	(24%-107%)	BM1	04/02/26	16:30
QC1206424328 MB											
1,1'-Biphenyl			U	ND	ug/kg					04/02/26	16:08
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg						
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg						
2,4,5-Trichlorophenol			U	ND	ug/kg						
2,4,6-Trichlorophenol			U	ND	ug/kg						
2,4-Dichlorophenol			U	ND	ug/kg						
2,4-Dimethylphenol			U	ND	ug/kg						
2,4-Dinitrophenol			U	ND	ug/kg						
2,4-Dinitrotoluene			U	ND	ug/kg						
2,6-Dinitrotoluene			U	ND	ug/kg						
2-Chloronaphthalene			U	ND	ug/kg						
2-Chlorophenol			U	ND	ug/kg						
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg						

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970789										
2-Methylnaphthalene			U	ND	ug/kg				BM1	04/02/26 16:08
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970789										
Benzo(a)anthracene			U	ND	ug/kg				BM1	04/02/26 16:08
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970789										
Diphenylamine			U	ND	ug/kg				BM1	04/02/26 16:08
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970789										
Phenol			U	ND	ug/kg				BM1	04/02/26 16:08
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3310			2710	ug/kg		82	(20%-104%)		
**2-Fluorobiphenyl	1660			1200	ug/kg		72	(20%-93%)		
**2-Fluorophenol	3310			2490	ug/kg		75	(19%-94%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
**Nitrobenzene-d5	1660				1090	ug/kg		66	(19%-90%)	BM1	04/02/26 16:08
**Phenol-d5	3310				2490	ug/kg		75	(20%-99%)		
**p-Terphenyl-d14	1660				1340	ug/kg		81	(24%-107%)		
QC1206424330 769624002 MS											
1,1'-Biphenyl	1860	U	ND		1160	ug/kg		62	(16%-112%)		04/02/26 17:37
1,2,4,5-Tetrachlorobenzene	1860	U	ND		1170	ug/kg		63	(16%-106%)		
2,3,4,6-Tetrachlorophenol	1860	U	ND		475	ug/kg		26	(15%-114%)		
2,4,5-Trichlorophenol	1860	U	ND		765	ug/kg		41	(16%-122%)		
2,4,6-Trichlorophenol	1860	U	ND		566	ug/kg		30	(16%-112%)		
2,4-Dichlorophenol	1860	U	ND		1040	ug/kg		56	(15%-112%)		
2,4-Dimethylphenol	1860	U	ND		852	ug/kg		46	(17%-73%)		
2,4-Dinitrophenol	1860	U	ND	J	509	ug/kg		27	(19%-117%)		
2,4-Dinitrotoluene	1860	U	ND		1340	ug/kg		72	(15%-119%)		
2,6-Dinitrotoluene	1860	U	ND		1310	ug/kg		71	(14%-119%)		
2-Chloronaphthalene	1860	U	ND		1190	ug/kg		64	(15%-108%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
2-Chlorophenol	1860	U	ND		1130	ug/kg		61	(17%-104%)	BM1	04/02/26 17:37
2-Methyl-4,6-dinitrophenol	1860	U	ND		524	ug/kg		28	(10%-120%)		
2-Methylnaphthalene	1860		53.0		1380	ug/kg		71	(16%-108%)		
2-Nitrophenol	1860	U	ND		636	ug/kg		34	(14%-107%)		
3,3'-Dichlorobenzidine	1860	U	ND		1120	ug/kg		60	(13%-95%)		
4-Bromophenylphenylether	1860	U	ND		1350	ug/kg		72	(16%-122%)		
4-Chloro-3-methylphenol	1860	U	ND		1310	ug/kg		70	(17%-116%)		
4-Chloroaniline	1860	U	ND		1120	ug/kg		60	(16%-91%)		
4-Chlorophenylphenylether	1860	U	ND		1300	ug/kg		70	(16%-120%)		
4-Nitrophenol	1860	U	ND		893	ug/kg		48	(14%-122%)		
Acenaphthene	1860		41.4		1270	ug/kg		66	(15%-114%)		
Acenaphthylene	1860	U	ND		1140	ug/kg		61	(16%-107%)		
Acetophenone	1860	U	ND		1080	ug/kg		58	(16%-97%)		
Anthracene	1860	J	22.4		1310	ug/kg		69	(16%-119%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
Atrazine	1860	U	ND		1310	ug/kg		70	(12%-144%)	BM1	04/02/26 17:37
Benzaldehyde	1860	U	ND	J	241	ug/kg		13	(12%-103%)		
Benzo(a)anthracene	1860		54.5		1310	ug/kg		67	(16%-120%)		
Benzo(a)pyrene	1860		47.4		1240	ug/kg		64	(16%-119%)		
Benzo(b)fluoranthene	1860		78.3		1350	ug/kg		68	(16%-123%)		
Benzo(ghi)perylene	1860	J	35.8		1250	ug/kg		65	(15%-127%)		
Benzo(k)fluoranthene	1860	J	24.6		1260	ug/kg		66	(16%-126%)		
Butylbenzylphthalate	1860	U	ND		1500	ug/kg		81	(14%-135%)		
Carbazole	1860	U	ND		1320	ug/kg		71	(16%-123%)		
Chrysene	1860		67.9		1270	ug/kg		65	(17%-119%)		
Di-n-butylphthalate	1860	U	ND		1400	ug/kg		75	(16%-129%)		
Di-n-octylphthalate	1860	U	ND		1450	ug/kg		78	(16%-134%)		
Dibenzo(a,h)anthracene	1860	U	ND		1190	ug/kg		64	(16%-120%)		
Dibenzofuran	1860	U	ND		1260	ug/kg		68	(17%-114%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
Diethylphthalate	1860	U	ND		1310	ug/kg		70	(16%-124%)	BM1	04/02/26 17:37
Dimethylphthalate	1860	U	ND		1270	ug/kg		68	(16%-123%)		
Diphenylamine	1860	U	ND		1290	ug/kg		69	(18%-116%)		
Fluoranthene	1860		142		1460	ug/kg		70	(17%-124%)		
Fluorene	1860	J	31.3		1280	ug/kg		67	(16%-119%)		
Hexachlorobenzene	1860	U	ND		1320	ug/kg		71	(18%-117%)		
Hexachlorobutadiene	1860	U	ND		1160	ug/kg		62	(15%-101%)		
Hexachlorocyclopentadiene	1860	U	ND	U	ND	ug/kg		0*	(16%-60%)		
Hexachloroethane	1860	U	ND		1050	ug/kg		56	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1860	J	33.9		1260	ug/kg		66	(14%-125%)		
Isophorone	1860	U	ND		1130	ug/kg		61	(12%-116%)		
N-Nitrosodipropylamine	1860	U	ND		1150	ug/kg		62	(14%-113%)		
Naphthalene	1860	J	28.7		1170	ug/kg		61	(15%-105%)		
Nitrobenzene	1860	U	ND		1120	ug/kg		60	(15%-105%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
Pentachlorophenol	1860	U	ND		518	ug/kg		28	(11%-115%)	BM1	04/02/26 17:37
Phenanthrene	1860		146		1370	ug/kg		66	(15%-120%)		
Phenol	1860	U	ND		1200	ug/kg		64	(16%-107%)		
Pyrene	1860		124		1380	ug/kg		68	(15%-127%)		
bis(2-Chloro-1-methylethyl)ether	1860	U	ND		1080	ug/kg		58	(10%-110%)		
bis(2-Chloroethoxy)methane	1860	U	ND		1150	ug/kg		62	(16%-105%)		
bis(2-Chloroethyl) ether	1860	U	ND		1120	ug/kg		60	(14%-106%)		
bis(2-Ethylhexyl)phthalate	1860		38.8		1410	ug/kg		74	(15%-135%)		
m,p-Cresols	1860	U	ND		1200	ug/kg		65	(17%-106%)		
m-Nitroaniline	1860	U	ND		1230	ug/kg		66	(15%-103%)		
o-Cresol	1860	U	ND		1160	ug/kg		62	(17%-104%)		
o-Nitroaniline	1860	U	ND		1220	ug/kg		66	(16%-116%)		
p-Nitroaniline	1860	U	ND		1360	ug/kg		73	(12%-118%)		
**2,4,6-Tribromophenol	3730		864		1240	ug/kg		33	(20%-104%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2970789												
**2-Fluorobiphenyl	1860		1120		1090	ug/kg			58	(20%-93%)	BM1	04/02/26 17:37
**2-Fluorophenol	3730		2110		2180	ug/kg			59	(19%-94%)		
**Nitrobenzene-d5	1860		1010		1030	ug/kg			55	(19%-90%)		
**Phenol-d5	3730		2330		2320	ug/kg			62	(20%-99%)		
**p-Terphenyl-d14	1860		1280		1260	ug/kg			67	(24%-107%)		
QC1206424331 769624002 MSD												
1,1'-Biphenyl	1870	U	ND		1020	ug/kg	13		55	(0%-30%)		04/02/26 17:59
1,2,4,5-Tetrachlorobenzene	1870	U	ND		1020	ug/kg	13		55	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1870	U	ND	J	370	ug/kg	25		20	(0%-30%)		
2,4,5-Trichlorophenol	1870	U	ND		547	ug/kg	33	*	29	(0%-30%)		
2,4,6-Trichlorophenol	1870	U	ND		384	ug/kg	38	*	21	(0%-30%)		
2,4-Dichlorophenol	1870	U	ND		791	ug/kg	28		42	(0%-30%)		
2,4-Dimethylphenol	1870	U	ND		733	ug/kg	15		39	(0%-30%)		
2,4-Dinitrophenol	1870	U	ND	J	460	ug/kg	10		25	(0%-30%)		
2,4-Dinitrotoluene	1870	U	ND		1220	ug/kg	10		65	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2970789												
2,6-Dinitrotoluene	1870	U	ND		1190	ug/kg	10		64	(0%-30%)	BM1	04/02/26 17:59
2-Chloronaphthalene	1870	U	ND		1040	ug/kg	14		56	(0%-30%)		
2-Chlorophenol	1870	U	ND		942	ug/kg	18		50	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1870	U	ND		483	ug/kg	8		26	(0%-30%)		
2-Methylnaphthalene	1870		53.0		1190	ug/kg	15		61	(0%-30%)		
2-Nitrophenol	1870	U	ND		458	ug/kg	32	*	25	(0%-30%)		
3,3'-Dichlorobenzidine	1870	U	ND		1030	ug/kg	8		55	(0%-30%)		
4-Bromophenylphenylether	1870	U	ND		1230	ug/kg	9		66	(0%-30%)		
4-Chloro-3-methylphenol	1870	U	ND		1150	ug/kg	13		61	(0%-30%)		
4-Chloroaniline	1870	U	ND		968	ug/kg	15		52	(0%-30%)		
4-Chlorophenylphenylether	1870	U	ND		1180	ug/kg	10		63	(0%-30%)		
4-Nitrophenol	1870	U	ND		970	ug/kg	8		52	(0%-30%)		
Acenaphthene	1870		41.4		1130	ug/kg	12		58	(0%-30%)		
Acenaphthylene	1870	U	ND		1000	ug/kg	13		54	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
Acetophenone	1870	U	ND		912	ug/kg	17	49	(0%-30%)	BM1	04/02/26 17:59
Anthracene	1870	J	22.4		1180	ug/kg	10	62	(0%-30%)		
Atrazine	1870	U	ND		1210	ug/kg	8	65	(0%-30%)		
Benzaldehyde	1870	U	ND	J	215	ug/kg	11	12	(0%-30%)		
Benzo(a)anthracene	1870		54.5		1180	ug/kg	10	60	(0%-30%)		
Benzo(a)pyrene	1870		47.4		1110	ug/kg	11	57	(0%-30%)		
Benzo(b)fluoranthene	1870		78.3		1210	ug/kg	11	61	(0%-30%)		
Benzo(ghi)perylene	1870	J	35.8		1060	ug/kg	16	55	(0%-30%)		
Benzo(k)fluoranthene	1870	J	24.6		1130	ug/kg	11	59	(0%-30%)		
Butylbenzylphthalate	1870	U	ND		1300	ug/kg	15	70	(0%-30%)		
Carbazole	1870	U	ND		1190	ug/kg	10	64	(0%-30%)		
Chrysene	1870		67.9		1150	ug/kg	10	58	(0%-30%)		
Di-n-butylphthalate	1870	U	ND		1270	ug/kg	10	68	(0%-30%)		
Di-n-octylphthalate	1870	U	ND		1340	ug/kg	8	72	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
Dibenzo(a,h)anthracene	1870	U	ND		1020	ug/kg	15	55	(0%-30%)	BM1	04/02/26 17:59
Dibenzofuran	1870	U	ND		1130	ug/kg	11	60	(0%-30%)		
Diethylphthalate	1870	U	ND		1190	ug/kg	10	64	(0%-30%)		
Dimethylphthalate	1870	U	ND		1120	ug/kg	12	60	(0%-30%)		
Diphenylamine	1870	U	ND		1160	ug/kg	10	62	(0%-30%)		
Fluoranthene	1870		142		1350	ug/kg	8	65	(0%-30%)		
Fluorene	1870	J	31.3		1160	ug/kg	10	60	(0%-30%)		
Hexachlorobenzene	1870	U	ND		1200	ug/kg	10	64	(0%-30%)		
Hexachlorobutadiene	1870	U	ND		987	ug/kg	16	53	(0%-30%)		
Hexachlorocyclopentadiene	1870	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Hexachloroethane	1870	U	ND		888	ug/kg	16	48	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1870	J	33.9		1090	ug/kg	15	57	(0%-30%)		
Isophorone	1870	U	ND		962	ug/kg	16	52	(0%-30%)		
N-Nitrosodipropylamine	1870	U	ND		966	ug/kg	18	52	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970789											
Naphthalene	1870	J	28.7		998	ug/kg	16	52	(0%-30%)	BM1	04/02/26 17:59
Nitrobenzene	1870	U	ND		957	ug/kg	15	51	(0%-30%)		
Pentachlorophenol	1870	U	ND		440	ug/kg	16	24	(0%-30%)		
Phenanthrene	1870		146		1240	ug/kg	10	59	(0%-30%)		
Phenol	1870	U	ND		1020	ug/kg	16	54	(0%-30%)		
Pyrene	1870		124		1320	ug/kg	4	64	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1870	U	ND		907	ug/kg	17	49	(0%-30%)		
bis(2-Chloroethoxy)methane	1870	U	ND		981	ug/kg	16	53	(0%-30%)		
bis(2-Chloroethyl) ether	1870	U	ND		957	ug/kg	15	51	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1870		38.8		1280	ug/kg	10	67	(0%-30%)		
m,p-Cresols	1870	U	ND		1020	ug/kg	16	55	(0%-30%)		
m-Nitroaniline	1870	U	ND		1110	ug/kg	10	60	(0%-30%)		
o-Cresol	1870	U	ND		985	ug/kg	16	53	(0%-30%)		
o-Nitroaniline	1870	U	ND		1090	ug/kg	11	59	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970789												
p-Nitroaniline	1870	U	ND		1260	ug/kg	7	68	(0%-30%)	BM1	04/02/26	17:59
**2,4,6-Tribromophenol	3730		864		910	ug/kg		24	(20%-104%)			
**2-Fluorobiphenyl	1870		1120		984	ug/kg		53	(20%-93%)			
**2-Fluorophenol	3730		2110		1880	ug/kg		50	(19%-94%)			
**Nitrobenzene-d5	1870		1010		891	ug/kg		48	(19%-90%)			
**Phenol-d5	3730		2330		2030	ug/kg		54	(20%-99%)			
**p-Terphenyl-d14	1870		1280		1200	ug/kg		64	(24%-107%)			
Batch 2972177												
QC1206426481 LCS												
1,1'-Biphenyl	1660				1350	ug/kg		82	(47%-110%)	LL2	04/06/26	15:09
1,2,4,5-Tetrachlorobenzene	1660				1350	ug/kg		81	(42%-108%)			
2,3,4,6-Tetrachlorophenol	1660				1460	ug/kg		88	(44%-114%)			
2,4,5-Trichlorophenol	1660				1530	ug/kg		92	(50%-121%)			
2,4,6-Trichlorophenol	1660				1520	ug/kg		92	(48%-112%)			
2,4-Dichlorophenol	1660				1540	ug/kg		93	(47%-112%)			
2,4-Dimethylphenol	1660				1100	ug/kg		66	(32%-74%)			

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
2,4-Dinitrophenol	1660			986	ug/kg		60	(22%-89%)	LL2	04/06/26 15:09
2,4-Dinitrotoluene	1660			1600	ug/kg		96	(49%-121%)		
2,6-Dinitrotoluene	1660			1550	ug/kg		94	(47%-118%)		
2-Chloronaphthalene	1660			1500	ug/kg		90	(44%-107%)		
2-Chlorophenol	1660			1530	ug/kg		92	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1210	ug/kg		73	(21%-106%)		
2-Methylnaphthalene	1660			1660	ug/kg		100	(47%-109%)		
2-Nitrophenol	1660			1530	ug/kg		92	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1100	ug/kg		66	(39%-100%)		
4-Bromophenylphenylether	1660			1560	ug/kg		94	(50%-120%)		
4-Chloro-3-methylphenol	1660			1550	ug/kg		93	(50%-114%)		
4-Chloroaniline	1660			1180	ug/kg		71	(38%-96%)		
4-Chlorophenylphenylether	1660			1580	ug/kg		96	(50%-118%)		
4-Nitrophenol	1660			1550	ug/kg		93	(46%-120%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Acenaphthene	1660			1500	ug/kg		91	(45%-112%)	LL2	04/06/26 15:09
Acenaphthylene	1660			1370	ug/kg		83	(43%-106%)		
Acetophenone	1660			1260	ug/kg		76	(35%-100%)		
Anthracene	1660			1520	ug/kg		92	(50%-115%)		
Atrazine	1660			1480	ug/kg		89	(51%-144%)		
Benzaldehyde	1660		J	209	ug/kg		13*	(21%-89%)		
Benzo(a)anthracene	1660			1430	ug/kg		87	(51%-117%)		
Benzo(a)pyrene	1660			1450	ug/kg		87	(48%-118%)		
Benzo(b)fluoranthene	1660			1570	ug/kg		95	(51%-121%)		
Benzo(ghi)perylene	1660			1540	ug/kg		93	(51%-125%)		
Benzo(k)fluoranthene	1660			1510	ug/kg		91	(50%-124%)		
Butylbenzylphthalate	1660			1620	ug/kg		98	(51%-133%)		
Carbazole	1660			1530	ug/kg		92	(53%-119%)		
Chrysene	1660			1450	ug/kg		87	(52%-116%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Di-n-butylphthalate	1660			1610	ug/kg		97	(54%-126%)	LL2	04/06/26 15:09
Di-n-octylphthalate	1660			1550	ug/kg		93	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1490	ug/kg		90	(48%-120%)		
Dibenzofuran	1660			1520	ug/kg		92	(50%-110%)		
Diethylphthalate	1660			1570	ug/kg		95	(52%-123%)		
Dimethylphthalate	1660			1530	ug/kg		92	(49%-124%)		
Diphenylamine	1660			1510	ug/kg		91	(51%-115%)		
Fluoranthene	1660			1590	ug/kg		96	(52%-121%)		
Fluorene	1660			1520	ug/kg		92	(50%-116%)		
Hexachlorobenzene	1660			1550	ug/kg		93	(48%-117%)		
Hexachlorobutadiene	1660			1480	ug/kg		90	(40%-105%)		
Hexachlorocyclopentadiene	1660			921	ug/kg		56	(26%-82%)		
Hexachloroethane	1660			1390	ug/kg		84	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1510	ug/kg		91	(47%-123%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Isophorone	1660			1400	ug/kg		84	(37%-120%)	LL2	04/06/26 15:09
N-Nitrosodipropylamine	1660			1580	ug/kg		96	(46%-113%)		
Naphthalene	1660			1480	ug/kg		89	(44%-105%)		
Nitrobenzene	1660			1490	ug/kg		90	(44%-106%)		
Pentachlorophenol	1660			1510	ug/kg		91	(36%-111%)		
Phenanthrene	1660			1480	ug/kg		89	(50%-114%)		
Phenol	1660			1530	ug/kg		92	(46%-107%)		
Pyrene	1660			1600	ug/kg		96	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1430	ug/kg		87	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1540	ug/kg		93	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1500	ug/kg		90	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			1540	ug/kg		93	(50%-134%)		
m,p-Cresols	1660			1520	ug/kg		92	(46%-106%)		
m-Nitroaniline	1660			1330	ug/kg		80	(41%-108%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
o-Cresol	1660			1480	ug/kg		89	(45%-105%)	LL2	04/06/26 15:09
o-Nitroaniline	1660			1490	ug/kg		90	(48%-117%)		
p-Nitroaniline	1660			1580	ug/kg		96	(49%-119%)		
**2,4,6-Tribromophenol	3320			3080	ug/kg		93	(20%-104%)		
**2-Fluorobiphenyl	1660			1370	ug/kg		83	(20%-93%)		
**2-Fluorophenol	3320			2970	ug/kg		90	(19%-94%)		
**Nitrobenzene-d5	1660			1390	ug/kg		84	(19%-90%)		
**Phenol-d5	3320			2980	ug/kg		90	(20%-99%)		
**p-Terphenyl-d14	1660			1490	ug/kg		90	(24%-107%)		
QC1206426482 LCSD										
1,1'-Biphenyl	1660			1210	ug/kg	12	73	(0%-30%)		04/06/26 15:32
1,2,4,5-Tetrachlorobenzene	1660			1200	ug/kg	12	72	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1660			1360	ug/kg	7	82	(0%-30%)		
2,4,5-Trichlorophenol	1660			1380	ug/kg	10	83	(0%-30%)		
2,4,6-Trichlorophenol	1660			1390	ug/kg	9	84	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
2,4-Dichlorophenol	1660			1360	ug/kg	12	82	(0%-30%)	LL2	04/06/26 15:32
2,4-Dimethylphenol	1660			977	ug/kg	12	59	(0%-30%)		
2,4-Dinitrophenol	1660			1050	ug/kg	6	63	(0%-30%)		
2,4-Dinitrotoluene	1660			1470	ug/kg	8	89	(0%-30%)		
2,6-Dinitrotoluene	1660			1470	ug/kg	5	89	(0%-30%)		
2-Chloronaphthalene	1660			1330	ug/kg	12	80	(0%-30%)		
2-Chlorophenol	1660			1310	ug/kg	15	79	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1660			1260	ug/kg	4	76	(0%-30%)		
2-Methylnaphthalene	1660			1460	ug/kg	13	88	(0%-30%)		
2-Nitrophenol	1660			1360	ug/kg	12	82	(0%-30%)		
3,3'-Dichlorobenzidine	1660			1070	ug/kg	3	64	(0%-30%)		
4-Bromophenylphenylether	1660			1440	ug/kg	8	86	(0%-30%)		
4-Chloro-3-methylphenol	1660			1410	ug/kg	9	85	(0%-30%)		
4-Chloroaniline	1660			998	ug/kg	17	60	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
4-Chlorophenylphenylether	1660			1430	ug/kg	10	86	(0%-30%)	LL2	04/06/26 15:32
4-Nitrophenol	1660			1460	ug/kg	6	88	(0%-30%)		
Acenaphthene	1660			1330	ug/kg	12	80	(0%-30%)		
Acenaphthylene	1660			1230	ug/kg	11	74	(0%-30%)		
Acetophenone	1660			1080	ug/kg	15	65	(0%-30%)		
Anthracene	1660			1400	ug/kg	9	84	(0%-30%)		
Atrazine	1660			1480	ug/kg	0	89	(0%-30%)		
Benzaldehyde	1660		J	201	ug/kg	3	12*	(0%-30%)		
Benzo(a)anthracene	1660			1340	ug/kg	7	81	(0%-30%)		
Benzo(a)pyrene	1660			1340	ug/kg	8	81	(0%-30%)		
Benzo(b)fluoranthene	1660			1430	ug/kg	10	86	(0%-30%)		
Benzo(ghi)perylene	1660			1430	ug/kg	7	86	(0%-30%)		
Benzo(k)fluoranthene	1660			1450	ug/kg	4	88	(0%-30%)		
Butylbenzylphthalate	1660			1540	ug/kg	5	93	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2972177											
Carbazole	1660			1430	ug/kg	7	86	(0%-30%)	LL2	04/06/26	15:32
Chrysene	1660			1340	ug/kg	8	81	(0%-30%)			
Di-n-butylphthalate	1660			1510	ug/kg	6	91	(0%-30%)			
Di-n-octylphthalate	1660			1480	ug/kg	5	89	(0%-30%)			
Dibenzo(a,h)anthracene	1660			1380	ug/kg	8	83	(0%-30%)			
Dibenzofuran	1660			1350	ug/kg	12	82	(0%-30%)			
Diethylphthalate	1660			1430	ug/kg	9	86	(0%-30%)			
Dimethylphthalate	1660			1410	ug/kg	8	85	(0%-30%)			
Diphenylamine	1660			1400	ug/kg	8	84	(0%-30%)			
Fluoranthene	1660			1480	ug/kg	7	89	(0%-30%)			
Fluorene	1660			1380	ug/kg	10	83	(0%-30%)			
Hexachlorobenzene	1660			1410	ug/kg	9	85	(0%-30%)			
Hexachlorobutadiene	1660			1280	ug/kg	15	77	(0%-30%)			
Hexachlorocyclopentadiene	1660			808	ug/kg	13	49	(0%-30%)			

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Hexachloroethane	1660			1160	ug/kg	18	70	(0%-30%)	LL2	04/06/26 15:32
Indeno(1,2,3-cd)pyrene	1660			1410	ug/kg	7	85	(0%-30%)		
Isophorone	1660			1240	ug/kg	12	74	(0%-30%)		
N-Nitrosodipropylamine	1660			1330	ug/kg	17	80	(0%-30%)		
Naphthalene	1660			1280	ug/kg	15	77	(0%-30%)		
Nitrobenzene	1660			1320	ug/kg	12	80	(0%-30%)		
Pentachlorophenol	1660			1450	ug/kg	4	87	(0%-30%)		
Phenanthrene	1660			1370	ug/kg	8	83	(0%-30%)		
Phenol	1660			1310	ug/kg	15	79	(0%-30%)		
Pyrene	1660			1480	ug/kg	8	89	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1660			1220	ug/kg	16	73	(0%-30%)		
bis(2-Chloroethoxy)methane	1660			1350	ug/kg	13	81	(0%-30%)		
bis(2-Chloroethyl) ether	1660			1280	ug/kg	16	77	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1660			1480	ug/kg	4	89	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
m,p-Cresols	1660			1330	ug/kg	14	80	(0%-30%)	LL2	04/06/26 15:32
m-Nitroaniline	1660			1200	ug/kg	10	73	(0%-30%)		
o-Cresol	1660			1290	ug/kg	13	78	(0%-30%)		
o-Nitroaniline	1660			1390	ug/kg	7	83	(0%-30%)		
p-Nitroaniline	1660			1490	ug/kg	6	90	(0%-30%)		
**2,4,6-Tribromophenol	3320			2870	ug/kg		86	(20%-104%)		
**2-Fluorobiphenyl	1660			1240	ug/kg		75	(20%-93%)		
**2-Fluorophenol	3320			2590	ug/kg		78	(19%-94%)		
**Nitrobenzene-d5	1660			1240	ug/kg		75	(19%-90%)		
**Phenol-d5	3320			2590	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1400	ug/kg		84	(24%-107%)		
QC1206426480 MB										
1,1'-Biphenyl			U	ND	ug/kg					04/06/26 14:46
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
2,4,5-Trichlorophenol			U	ND	ug/kg				LL2	04/06/26 14:46
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
4-Chloro-3-methylphenol			U	ND	ug/kg				LL2	04/06/26 14:46
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Benzo(k)fluoranthene			U	ND	ug/kg				LL2	04/06/26 14:46
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Hexachlorobutadiene			U	ND	ug/kg				LL2	04/06/26 14:46
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
bis(2-Chloroethyl) ether			U	ND	ug/kg				LL2	04/06/26 14:46
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			2750	ug/kg		83	(20%-104%)		
**2-Fluorobiphenyl	1660			1270	ug/kg		77	(20%-93%)		
**2-Fluorophenol	3320			2650	ug/kg		80	(19%-94%)		
**Nitrobenzene-d5	1660			1230	ug/kg		74	(19%-90%)		
**Phenol-d5	3320			2620	ug/kg		79	(20%-99%)		
**p-Terphenyl-d14	1660			1430	ug/kg		86	(24%-107%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2974051										
QC1206429551 LCS										
Aroclor-1016	33.1			23.1	ug/kg		70	(70%-130%)	NS2	04/08/26 15:36
Aroclor-1260	33.1			25.7	ug/kg		77	(70%-130%)		
**4cmx	6.62			4.03	ug/kg		61	(24%-110%)		
**Decachlorobiphenyl	6.62			5.69	ug/kg		86	(25%-133%)		
QC1206429552 LCSD										
Aroclor-1016	33.2			26.9	ug/kg	16	81	(0%-30%)		04/08/26 15:48
Aroclor-1260	33.2			29.6	ug/kg	12	89	(0%-30%)		
**4cmx	6.64			4.85	ug/kg		73	(24%-110%)		
**Decachlorobiphenyl	6.64			6.53	ug/kg		98	(25%-133%)		
QC1206429550 MB										
Aroclor-1016			U	ND	ug/kg					04/08/26 15:24
Aroclor-1221			U	ND	ug/kg					
Aroclor-1232			U	ND	ug/kg					
Aroclor-1242			U	ND	ug/kg					
Aroclor-1248			U	ND	ug/kg					
Aroclor-1254			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2974051										
Aroclor-1260			U	ND	ug/kg				NS2	04/08/26 15:24
Aroclor-1262			U	ND	ug/kg					
Aroclor-1268			U	ND	ug/kg					
**4cmx	6.62			4.82	ug/kg		73	(24%-110%)		
**Decachlorobiphenyl	6.62			6.32	ug/kg		95	(25%-133%)		
Semi-Volatiles-Pesticide										
Batch 2971023										
QC1206424691 LCS										
4,4'-DDD	41.6			45.5	ug/kg		109	(70%-130%)	YS1	04/03/26 15:12
4,4'-DDE	41.6			42.0	ug/kg		101	(70%-130%)		
4,4'-DDT	41.6			45.0	ug/kg		108	(70%-130%)		
Aldrin	16.6			20.0	ug/kg		120	(70%-130%)		
Dieldrin	41.6			42.5	ug/kg		102	(70%-130%)		
Endosulfan I	16.6			15.1	ug/kg		90	(70%-130%)		
Endosulfan II	41.6			40.3	ug/kg		97	(70%-130%)		
Endosulfan sulfate	41.6			41.2	ug/kg		99	(70%-130%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2971023										
Endrin	41.6			44.7	ug/kg		108	(70%-130%)	YS1	04/03/26 15:12
Endrin aldehyde	41.6			44.4	ug/kg		107	(70%-130%)		
Endrin ketone	41.6			42.7	ug/kg		103	(70%-130%)		
Heptachlor	16.6			16.5	ug/kg		99	(70%-130%)		
Heptachlor epoxide	16.6			18.5	ug/kg		111	(70%-130%)		
Methoxychlor	166			162	ug/kg		97	(70%-130%)		
alpha-BHC	16.6			17.1	ug/kg		103	(70%-130%)		
beta-BHC	16.6			16.3	ug/kg		98	(70%-130%)		
cis-Chlordane	16.6			16.5	ug/kg		99	(70%-130%)		
delta-BHC	16.6			16.5	ug/kg		99	(70%-130%)		
gamma-BHC (Lindane)	16.6			17.4	ug/kg		105	(70%-130%)		
trans-Chlordane	16.6			16.5	ug/kg		99	(70%-130%)		
**4cmx	33.3			31.4	ug/kg		94	(23%-137%)		
**Decachlorobiphenyl	33.3			35.6	ug/kg		107	(32%-150%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-Pesticide											
Batch 2971023											
QC1206424694 LCS											
Toxaphene	132			117	ug/kg		89	(70%-130%)	YS1	04/03/26	15:27
**4cmx	33.0			29.0	ug/kg		88	(23%-137%)			
**Decachlorobiphenyl	33.0			32.8	ug/kg		99	(32%-150%)			
QC1206424690 MB											
4,4'-DDD			U	ND	ug/kg					04/03/26	14:57
4,4'-DDE			U	ND	ug/kg						
4,4'-DDT			U	ND	ug/kg						
Aldrin			U	ND	ug/kg						
Dieldrin			U	ND	ug/kg						
Endosulfan I			U	ND	ug/kg						
Endosulfan II			U	ND	ug/kg						
Endosulfan sulfate			U	ND	ug/kg						
Endrin			U	ND	ug/kg						
Endrin aldehyde			U	ND	ug/kg						
Endrin ketone			U	ND	ug/kg						

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2971023										
Heptachlor			U	ND	ug/kg				YS1	04/03/26 14:57
Heptachlor epoxide			U	ND	ug/kg					
Methoxychlor			U	ND	ug/kg					
Toxaphene			U	ND	ug/kg					
alpha-BHC			U	ND	ug/kg					
beta-BHC			U	ND	ug/kg					
cis-Chlordane			U	ND	ug/kg					
delta-BHC			U	ND	ug/kg					
gamma-BHC (Lindane)			U	ND	ug/kg					
trans-Chlordane			U	ND	ug/kg					
**4cmx	33.0			31.5	ug/kg		95	(23%-137%)		
**Decachlorobiphenyl	33.0			34.6	ug/kg		105	(32%-150%)		
QC1206424692 770081004 MS										
4,4'-DDD	44.4	U	ND	12.0	ug/kg		27*	(33%-164%)		04/03/26 16:29
4,4'-DDE	44.4	U	ND	14.5	ug/kg		33	(29%-162%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2971023											
4,4'-DDT	44.4	U	ND		13.5	ug/kg		30	(19%-156%)	YS1	04/03/26 16:29
Aldrin	17.8	U	ND		7.28	ug/kg		41	(22%-148%)		
Dieldrin	44.4	U	ND		12.7	ug/kg		29	(28%-158%)		
Endosulfan I	17.8	U	ND		4.70	ug/kg		26	(20%-152%)		
Endosulfan II	44.4	U	ND		9.90	ug/kg		22*	(26%-151%)		
Endosulfan sulfate	44.4	U	ND		8.45	ug/kg		19*	(22%-164%)		
Endrin	44.4	U	ND		13.4	ug/kg		30*	(35%-162%)		
Endrin aldehyde	44.4	U	ND		8.44	ug/kg		19*	(20%-155%)		
Endrin ketone	44.4	U	ND		10.2	ug/kg		23	(22%-155%)		
Heptachlor	17.8	U	ND		5.48	ug/kg		31	(19%-154%)		
Heptachlor epoxide	17.8	U	ND		5.52	ug/kg		31	(25%-154%)		
Methoxychlor	178	U	ND		40.9	ug/kg		23	(18%-166%)		
alpha-BHC	17.8	U	ND		4.56	ug/kg		26	(22%-148%)		
beta-BHC	17.8	U	ND		4.08	ug/kg		23	(22%-152%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 2971023												
cis-Chlordane	17.8	U	ND		5.33	ug/kg			30	(22%-152%)	YS1	04/03/26 16:29
delta-BHC	17.8	U	ND		3.77	ug/kg			21*	(28%-160%)		
gamma-BHC (Lindane)	17.8	U	ND		4.31	ug/kg			24	(23%-150%)		
trans-Chlordane	17.8	U	ND		5.18	ug/kg			29	(21%-156%)		
**4cmx	35.6		18.2		12.1	ug/kg			34	(23%-137%)		
**Decachlorobiphenyl	35.6		19.4		12.9	ug/kg			36	(32%-150%)		
QC1206424693 770081004 MSD												
4,4'-DDD	44.2	U	ND		17.0	ug/kg	35	*	38	(0%-30%)		04/03/26 16:46
4,4'-DDE	44.2	U	ND		18.7	ug/kg	25		42	(0%-30%)		
4,4'-DDT	44.2	U	ND		18.0	ug/kg	29		41	(0%-30%)		
Aldrin	17.7	U	ND		9.03	ug/kg	21		51	(0%-30%)		
Dieldrin	44.2	U	ND		17.3	ug/kg	31	*	39	(0%-30%)		
Endosulfan I	17.7	U	ND		6.38	ug/kg	30		36	(0%-30%)		
Endosulfan II	44.2	U	ND		14.8	ug/kg	40	*	34	(0%-30%)		
Endosulfan sulfate	44.2	U	ND		12.9	ug/kg	42	*	29	(0%-30%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 2971023												
Endrin	44.2	U	ND		18.2	ug/kg	30		41	(0%-30%)	YS1	04/03/26 16:46
Endrin aldehyde	44.2	U	ND		13.1	ug/kg	43	*	30	(0%-30%)		
Endrin ketone	44.2	U	ND		15.5	ug/kg	41	*	35	(0%-30%)		
Heptachlor	17.7	U	ND		6.91	ug/kg	23		39	(0%-30%)		
Heptachlor epoxide	17.7	U	ND		7.39	ug/kg	29		42	(0%-30%)		
Methoxychlor	177	U	ND		59.3	ug/kg	37	*	34	(0%-30%)		
alpha-BHC	17.7	U	ND		6.41	ug/kg	34	*	36	(0%-30%)		
beta-BHC	17.7	U	ND		5.96	ug/kg	37	*	34	(0%-30%)		
cis-Chlordane	17.7	U	ND		6.90	ug/kg	26		39	(0%-30%)		
delta-BHC	17.7	U	ND		5.92	ug/kg	44	*	33	(0%-30%)		
gamma-BHC (Lindane)	17.7	U	ND		6.28	ug/kg	37	*	35	(0%-30%)		
trans-Chlordane	17.7	U	ND		6.73	ug/kg	26		38	(0%-30%)		
**4cmx	35.4		18.2		14.5	ug/kg			41	(23%-137%)		
**Decachlorobiphenyl	35.4		19.4		15.8	ug/kg			45	(32%-150%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis										
Batch 2971614										
QC1206425692 769624002 DUP										
Hexavalent Chromium	U	ND	U	ND	mg/kg	N/A			BR2	04/07/26 14:18
QC1206425694 769624004 DUP										
Hexavalent Chromium	U	ND	U	ND	mg/kg	N/A				04/07/26 14:18
QC1206425716 ILCS										
Hexavalent Chromium	7.00			6.99	mg/kg		99.8	(80%-120%)		04/07/26 14:18
QC1206425691 LCS										
Hexavalent Chromium	3.75			3.56	mg/kg		95	(80%-120%)		04/07/26 14:18
QC1206425690 MB										
Hexavalent Chromium			U	ND	mg/kg					04/07/26 14:18
QC1206425693 769624002 MS										
Hexavalent Chromium	3.66 U	ND		1.01	mg/kg		27.5*	(75%-125%)		04/07/26 14:18
QC1206425695 769624004 MS										
Hexavalent Chromium	3.00 U	ND		1.23	mg/kg		40.5*	(75%-125%)		04/07/26 14:18
Volatile-GC/MS										
Batch 2971014										
QC1206424674 LCS										
1,1,1-Trichloroethane	50.0			48.3	ug/L		97	(70%-130%)	JM6	04/01/26 11:14
1,1,2,2-Tetrachloroethane	50.0			44.3	ug/L		89	(70%-130%)		
1,1,2-Trichloroethane	50.0			46.0	ug/L		92	(70%-130%)		
1,1-Dichloroethane	50.0			47.8	ug/L		96	(70%-130%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
1,1-Dichloroethylene	50.0			49.7	ug/L		99	(70%-130%)	JM6	04/01/26 11:14
1,2,3-Trichlorobenzene	50.0			46.8	ug/L		94	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			46.8	ug/L		94	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			49.5	ug/L		99	(70%-130%)		
1,2-Dibromoethane	50.0			47.9	ug/L		96	(70%-130%)		
1,2-Dichlorobenzene	50.0			45.1	ug/L		90	(70%-130%)		
1,2-Dichloroethane	50.0			45.7	ug/L		91	(70%-130%)		
1,2-Dichloropropane	50.0			46.0	ug/L		92	(70%-130%)		
1,3-Dichlorobenzene	50.0			45.9	ug/L		92	(70%-130%)		
1,4-Dichlorobenzene	50.0			44.9	ug/L		90	(70%-130%)		
2-Butanone	250			214	ug/L		86	(70%-130%)		
2-Hexanone	250			222	ug/L		89	(70%-130%)		
4-Methyl-2-pentanone	250			224	ug/L		90	(70%-130%)		
Acetone	250			240	ug/L		96	(70%-130%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Benzene	50.0			45.6	ug/L		91	(70%-130%)	JM6	04/01/26 11:14
Bromochloromethane	50.0			46.9	ug/L		94	(70%-130%)		
Bromodichloromethane	50.0			47.7	ug/L		95	(70%-130%)		
Bromoform	50.0			50.0	ug/L		100	(70%-130%)		
Bromomethane	50.0			42.0	ug/L		84	(70%-130%)		
Carbon disulfide	250			245	ug/L		98	(70%-130%)		
Carbon tetrachloride	50.0			49.6	ug/L		99	(70%-130%)		
Chlorobenzene	50.0			45.6	ug/L		91	(70%-130%)		
Chloroethane	50.0			42.7	ug/L		85	(70%-130%)		
Chloroform	50.0			46.8	ug/L		94	(70%-130%)		
Chloromethane	50.0			37.6	ug/L		75	(70%-130%)		
Cyclohexane	50.0			46.8	ug/L		94	(70%-130%)		
Dibromochloromethane	50.0			48.8	ug/L		98	(70%-130%)		
Dichlorodifluoromethane	50.0			35.1	ug/L		70	(70%-130%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Ethylbenzene	50.0			46.1	ug/L		92	(70%-130%)	JM6	04/01/26 11:14
Isopropylbenzene	50.0			47.8	ug/L		96	(70%-130%)		
Methyl acetate	250			223	ug/L		89	(70%-130%)		
Methylcyclohexane	50.0			47.5	ug/L		95	(70%-130%)		
Methylene chloride	50.0		B	44.0	ug/L		88	(70%-130%)		
Styrene	50.0			46.8	ug/L		94	(70%-130%)		
Tetrachloroethylene	50.0			47.3	ug/L		95	(70%-130%)		
Toluene	50.0			45.7	ug/L		91	(70%-130%)		
Trichloroethylene	50.0			48.3	ug/L		97	(70%-130%)		
Trichlorofluoromethane	50.0			39.5	ug/L		79	(70%-130%)		
Vinyl chloride	50.0			40.1	ug/L		80	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			50.5	ug/L		101	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			48.4	ug/L		97	(70%-130%)		
m,p-Xylenes	100			91.3	ug/L		91	(70%-130%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
o-Xylene	50.0			45.2	ug/L		90	(70%-130%)	JM6	04/01/26 11:14
tert-Butyl methyl ether	50.0			45.5	ug/L		91	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			47.8	ug/L		96	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			47.5	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			47.7	ug/L		95	(71%-131%)		
**Bromofluorobenzene	50.0			49.0	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			49.5	ug/L		99	(77%-121%)		
QC1206424675 LCS										
1,4-Dioxane	2500			2310	ug/L		92	(70%-130%)		04/01/26 11:39
Trichlorotrifluoroethane	250			224	ug/L		90	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			49.4	ug/L		99	(71%-131%)		
**Bromofluorobenzene	50.0			49.7	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			49.4	ug/L		99	(77%-121%)		
QC1206424676 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/01/26 12:56
1,1,2,2-Tetrachloroethane			U	ND	ug/L					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2971014											
1,1,2-Trichloroethane			U	ND	ug/L				JM6	04/01/26	12:56
1,1-Dichloroethane			U	ND	ug/L						
1,1-Dichloroethylene			U	ND	ug/L						
1,2,3-Trichlorobenzene			U	ND	ug/L						
1,2,4-Trichlorobenzene			U	ND	ug/L						
1,2-Dibromo-3-chloropropane			U	ND	ug/L						
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2971014											
2-Hexanone			U	ND	ug/L				JM6	04/01/26	12:56
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						
Bromodichloromethane			U	ND	ug/L						
Bromoform			U	ND	ug/L						
Bromomethane			U	ND	ug/L						
Carbon disulfide			U	ND	ug/L						
Carbon tetrachloride			U	ND	ug/L						
Chlorobenzene			U	ND	ug/L						
Chloroethane			U	ND	ug/L						
Chloroform			U	ND	ug/L						
Chloromethane			U	ND	ug/L						

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Cyclohexane			U	ND	ug/L				JM6	04/01/26 12:56
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			J	1.13	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Vinyl chloride				U	ND	ug/L				JM6	04/01/26 12:56
cis-1,2-Dichloroethylene				U	ND	ug/L					
cis-1,3-Dichloropropylene				U	ND	ug/L					
m,p-Xylenes				U	ND	ug/L					
o-Xylene				U	ND	ug/L					
tert-Butyl methyl ether				U	ND	ug/L					
trans-1,2-Dichloroethylene				U	ND	ug/L					
trans-1,3-Dichloropropylene				U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0				53.1	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0				51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0				52.0	ug/L		104	(77%-121%)		
QC1206424677 769603002 MS											
1,1,1-Trichloroethane	50.0	U	ND		42.5	ug/L		85	(60%-123%)		04/01/26 19:42
1,1,2,2-Tetrachloroethane	50.0	U	ND		42.2	ug/L		84	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		43.1	ug/L		86	(62%-123%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
1,1-Dichloroethane	50.0	U	ND		43.2	ug/L		86	(66%-128%)	JM6	04/01/26 19:42
1,1-Dichloroethylene	50.0	U	ND		45.9	ug/L		92	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		41.1	ug/L		82	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		41.1	ug/L		82	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		46.4	ug/L		93	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		44.4	ug/L		89	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		41.0	ug/L		82	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		42.2	ug/L		84	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		41.4	ug/L		83	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		40.2	ug/L		80	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		39.3	ug/L		79	(54%-123%)		
2-Butanone	250	U	ND		205	ug/L		82	(59%-136%)		
2-Hexanone	250	U	ND		210	ug/L		84	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		211	ug/L		85	(63%-135%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Acetone	250	U	ND		205	ug/L		82	(50%-140%)	JM6	04/01/26 19:42
Benzene	50.0	U	ND		40.5	ug/L		81	(64%-119%)		
Bromochloromethane	50.0	U	ND		42.9	ug/L		86	(63%-130%)		
Bromodichloromethane	50.0	U	ND		42.6	ug/L		85	(65%-125%)		
Bromoform	50.0	U	ND		44.3	ug/L		89	(49%-129%)		
Bromomethane	50.0	U	ND		38.3	ug/L		77	(55%-154%)		
Carbon disulfide	250	U	ND		214	ug/L		86	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		43.3	ug/L		87	(60%-127%)		
Chlorobenzene	50.0	U	ND		40.5	ug/L		81	(61%-120%)		
Chloroethane	50.0	U	ND		39.1	ug/L		78	(60%-138%)		
Chloroform	50.0	U	ND		42.2	ug/L		84	(64%-122%)		
Chloromethane	50.0	U	ND		34.0	ug/L		68	(43%-161%)		
Cyclohexane	50.0	U	ND		40.7	ug/L		81	(51%-125%)		
Dibromochloromethane	50.0	U	ND		43.9	ug/L		88	(60%-130%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Dichlorodifluoromethane	50.0	U	ND		25.8	ug/L		52	(37%-162%)	JM6	04/01/26 19:42
Ethylbenzene	50.0	U	ND		41.0	ug/L		82	(57%-122%)		
Isopropylbenzene	50.0	U	ND		43.3	ug/L		87	(53%-128%)		
Methyl acetate	250	U	ND		207	ug/L		83	(58%-145%)		
Methylcyclohexane	50.0	U	ND		39.7	ug/L		79	(58%-122%)		
Methylene chloride	50.0	BJ	0.710	B	40.5	ug/L		80	(61%-135%)		
Styrene	50.0	U	ND		41.3	ug/L		83	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		40.7	ug/L		81	(53%-124%)		
Toluene	50.0	U	ND		40.8	ug/L		82	(60%-120%)		
Trichloroethylene	50.0	U	ND		42.7	ug/L		85	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		36.0	ug/L		72	(51%-134%)		
Vinyl chloride	50.0	U	ND		34.7	ug/L		69	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		44.8	ug/L		90	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		41.9	ug/L		84	(61%-123%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
m,p-Xylenes	100	U	ND		80.1	ug/L		80	(58%-122%)	JM6	04/01/26 19:42
o-Xylene	50.0	U	ND		41.0	ug/L		82	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		42.3	ug/L		85	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	J	0.380		43.2	ug/L		86	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		41.4	ug/L		83	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		54.2		50.1	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.3	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		50.2	ug/L		100	(77%-121%)		
QC1206424679 769603002 MS											
1,4-Dioxane	2500	U	ND		2250	ug/L		90	(50%-136%)		04/01/26 20:33
Trichlorotrifluoroethane	250	U	ND		202	ug/L		81	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		54.2		50.8	ug/L		102	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.4	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		49.9	ug/L		100	(77%-121%)		
QC1206424678 769603002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		42.3	ug/L	1	85	(0%-20%)		04/01/26 20:08

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
1,1,2,2-Tetrachloroethane	50.0	U	ND		41.7	ug/L	1	83	(0%-20%)	JM6	04/01/26 20:08
1,1,2-Trichloroethane	50.0	U	ND		42.2	ug/L	2	84	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		42.5	ug/L	1	85	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		45.6	ug/L	1	91	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		43.1	ug/L	5	86	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		43.1	ug/L	5	86	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		50.3	ug/L	8	101	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		44.4	ug/L	0	89	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		41.2	ug/L	1	82	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		42.5	ug/L	1	85	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		41.8	ug/L	1	84	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		40.3	ug/L	0	81	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		39.5	ug/L	1	79	(0%-20%)		
2-Butanone	250	U	ND		207	ug/L	1	83	(0%-20%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2971014												
2-Hexanone	250	U	ND		211	ug/L	0	84	(0%-20%)	JM6	04/01/26	20:08
4-Methyl-2-pentanone	250	U	ND		211	ug/L	0	84	(0%-20%)			
Acetone	250	U	ND		211	ug/L	3	84	(0%-20%)			
Benzene	50.0	U	ND		40.4	ug/L	0	81	(0%-20%)			
Bromochloromethane	50.0	U	ND		43.4	ug/L	1	87	(0%-20%)			
Bromodichloromethane	50.0	U	ND		43.3	ug/L	2	87	(0%-20%)			
Bromoform	50.0	U	ND		44.2	ug/L	0	88	(0%-20%)			
Bromomethane	50.0	U	ND		41.6	ug/L	8	83	(0%-20%)			
Carbon disulfide	250	U	ND		215	ug/L	1	86	(0%-20%)			
Carbon tetrachloride	50.0	U	ND		43.0	ug/L	1	86	(0%-20%)			
Chlorobenzene	50.0	U	ND		40.4	ug/L	0	81	(0%-20%)			
Chloroethane	50.0	U	ND		42.2	ug/L	7	84	(0%-20%)			
Chloroform	50.0	U	ND		42.3	ug/L	0	85	(0%-20%)			
Chloromethane	50.0	U	ND		35.9	ug/L	6	72	(0%-20%)			

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Cyclohexane	50.0	U	ND		40.7	ug/L	0	81	(0%-20%)	JM6	04/01/26 20:08
Dibromochloromethane	50.0	U	ND		44.0	ug/L	0	88	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		28.8	ug/L	11	58	(0%-20%)		
Ethylbenzene	50.0	U	ND		41.0	ug/L	0	82	(0%-20%)		
Isopropylbenzene	50.0	U	ND		43.1	ug/L	0	86	(0%-20%)		
Methyl acetate	250	U	ND		206	ug/L	0	83	(0%-20%)		
Methylcyclohexane	50.0	U	ND		40.8	ug/L	3	82	(0%-20%)		
Methylene chloride	50.0	BJ	0.710	B	40.6	ug/L	0	80	(0%-20%)		
Styrene	50.0	U	ND		41.3	ug/L	0	83	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		40.9	ug/L	0	82	(0%-20%)		
Toluene	50.0	U	ND		40.7	ug/L	0	81	(0%-20%)		
Trichloroethylene	50.0	U	ND		42.6	ug/L	0	85	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		38.5	ug/L	7	77	(0%-20%)		
Vinyl chloride	50.0	U	ND		37.9	ug/L	9	76	(0%-20%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
cis-1,2-Dichloroethylene	50.0	U	ND		44.5	ug/L	1	89	(0%-20%)	JM6	04/01/26 20:08
cis-1,3-Dichloropropylene	50.0	U	ND		42.4	ug/L	1	85	(0%-20%)		
m,p-Xylenes	100	U	ND		79.5	ug/L	1	79	(0%-20%)		
o-Xylene	50.0	U	ND		40.7	ug/L	1	81	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		42.4	ug/L	0	85	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	J	0.380		43.2	ug/L	0	86	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		41.6	ug/L	0	83	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.2		49.9	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.4	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		49.6	ug/L		99	(77%-121%)		
QC1206424680 769603002 MSD											
1,4-Dioxane	2500	U	ND		2180	ug/L	3	87	(0%-20%)		04/01/26 20:59
Trichlorotrifluoroethane	250	U	ND		191	ug/L	6	76	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.2		50.7	ug/L		101	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.2	ug/L		100	(77%-123%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
**Toluene-d8	50.0	50.9		49.7	ug/L		99	(77%-121%)	JM6	04/01/26 20:59
Batch 2972240										
QC1206426605 LCS										
1,1,1-Trichloroethane	50.0			51.6	ug/kg		103	(72%-126%)	CO1	04/03/26 07:37
1,1,2,2-Tetrachloroethane	50.0			42.8	ug/kg		86	(69%-120%)		
1,1,2-Trichloroethane	50.0			46.3	ug/kg		93	(74%-120%)		
1,1-Dichloroethane	50.0			48.6	ug/kg		97	(72%-126%)		
1,1-Dichloroethylene	50.0			54.3	ug/kg		109	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			51.0	ug/kg		102	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			52.0	ug/kg		104	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			51.5	ug/kg		103	(60%-135%)		
1,2-Dibromoethane	50.0			51.1	ug/kg		102	(79%-120%)		
1,2-Dichlorobenzene	50.0			49.0	ug/kg		98	(73%-120%)		
1,2-Dichloroethane	50.0			48.2	ug/kg		96	(66%-123%)		
1,2-Dichloropropane	50.0			48.6	ug/kg		97	(72%-120%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
1,3-Dichlorobenzene	50.0			49.4	ug/kg		99	(72%-120%)	CO1	04/03/26 07:37
1,4-Dichlorobenzene	50.0			50.0	ug/kg		100	(72%-120%)		
2-Butanone	250			260	ug/kg		104	(66%-125%)		
2-Hexanone	250			250	ug/kg		100	(64%-131%)		
4-Methyl-2-pentanone	250			239	ug/kg		96	(70%-126%)		
Acetone	250			261	ug/kg		105	(60%-124%)		
Benzene	50.0			49.0	ug/kg		98	(73%-120%)		
Bromochloromethane	50.0			55.4	ug/kg		111	(73%-123%)		
Bromodichloromethane	50.0			50.8	ug/kg		102	(74%-124%)		
Bromoform	50.0			52.5	ug/kg		105	(64%-126%)		
Bromomethane	50.0			53.4	ug/kg		107	(67%-138%)		
Carbon disulfide	250			262	ug/kg		105	(69%-136%)		
Carbon tetrachloride	50.0			56.1	ug/kg		112	(72%-132%)		
Chlorobenzene	50.0			49.5	ug/kg		99	(74%-120%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Chloroethane	50.0			50.1	ug/kg		100	(69%-133%)	CO1	04/03/26 07:37
Chloroform	50.0			48.7	ug/kg		97	(72%-122%)		
Chloromethane	50.0			50.0	ug/kg		100	(53%-142%)		
Cyclohexane	50.0			50.2	ug/kg		100	(63%-130%)		
Dibromochloromethane	50.0			51.7	ug/kg		103	(73%-125%)		
Dichlorodifluoromethane	50.0			58.4	ug/kg		117	(57%-150%)		
Ethylbenzene	50.0			47.8	ug/kg		96	(72%-120%)		
Isopropylbenzene	50.0			47.5	ug/kg		95	(74%-129%)		
Methyl acetate	250			255	ug/kg		102	(66%-131%)		
Methylcyclohexane	50.0			50.6	ug/kg		101	(71%-127%)		
Methylene chloride	50.0			50.5	ug/kg		101	(71%-124%)		
Styrene	50.0			49.4	ug/kg		99	(70%-123%)		
Tetrachloroethylene	50.0			55.5	ug/kg		111	(68%-126%)		
Toluene	50.0			46.8	ug/kg		94	(73%-120%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Trichloroethylene	50.0			53.8	ug/kg		108	(74%-122%)	CO1	04/03/26 07:37
Trichlorofluoromethane	50.0			49.5	ug/kg		99	(66%-137%)		
Vinyl chloride	50.0			53.2	ug/kg		106	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			52.2	ug/kg		104	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			51.0	ug/kg		102	(74%-123%)		
m,p-Xylenes	100			100	ug/kg		100	(72%-121%)		
o-Xylene	50.0			46.0	ug/kg		92	(73%-120%)		
tert-Butyl methyl ether	50.0			46.8	ug/kg		94	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			51.9	ug/kg		104	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			45.1	ug/kg		90	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			46.2	ug/L		92	(75%-131%)		
**Bromofluorobenzene	50.0			44.1	ug/L		88	(67%-136%)		
**Toluene-d8	50.0			47.2	ug/L		94	(79%-122%)		
QC1206426606 LCS										
1,4-Dioxane	2500			2570	ug/kg		103	(57%-134%)		04/03/26 08:28

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Trichlorotrifluoroethane	250			224	ug/kg		90	(59%-136%)	CO1	04/03/26 08:28
**1,2-Dichloroethane-d4	50.0			46.0	ug/L		92	(75%-131%)		
**Bromofluorobenzene	50.0			44.0	ug/L		88	(67%-136%)		
**Toluene-d8	50.0			47.1	ug/L		94	(79%-122%)		
QC1206427613 LCS										
1,1,1-Trichloroethane	50.0			48.5	ug/kg		97	(72%-126%)		04/06/26 07:35
1,1,2,2-Tetrachloroethane	50.0			39.8	ug/kg		80	(69%-120%)		
1,1,2-Trichloroethane	50.0			41.9	ug/kg		84	(74%-120%)		
1,1-Dichloroethane	50.0			43.5	ug/kg		87	(72%-126%)		
1,1-Dichloroethylene	50.0			48.7	ug/kg		97	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			50.3	ug/kg		101	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			50.8	ug/kg		102	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			48.7	ug/kg		97	(60%-135%)		
1,2-Dibromoethane	50.0			47.5	ug/kg		95	(79%-120%)		
1,2-Dichlorobenzene	50.0			47.4	ug/kg		95	(73%-120%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
1,2-Dichloroethane	50.0			43.0	ug/kg		86	(66%-123%)	CO1	04/06/26 07:35
1,2-Dichloropropane	50.0			42.6	ug/kg		85	(72%-120%)		
1,3-Dichlorobenzene	50.0			48.0	ug/kg		96	(72%-120%)		
1,4-Dichlorobenzene	50.0			47.6	ug/kg		95	(72%-120%)		
2-Butanone	250			219	ug/kg		87	(66%-125%)		
2-Hexanone	250			199	ug/kg		80	(64%-131%)		
4-Methyl-2-pentanone	250			201	ug/kg		81	(70%-126%)		
Acetone	250			221	ug/kg		88	(60%-124%)		
Benzene	50.0			45.1	ug/kg		90	(73%-120%)		
Bromochloromethane	50.0			53.9	ug/kg		108	(73%-123%)		
Bromodichloromethane	50.0			46.7	ug/kg		93	(74%-124%)		
Bromoform	50.0			49.6	ug/kg		99	(64%-126%)		
Bromomethane	50.0			51.4	ug/kg		103	(67%-138%)		
Carbon disulfide	250			238	ug/kg		95	(69%-136%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Carbon tetrachloride	50.0			53.4	ug/kg		107	(72%-132%)	CO1	04/06/26 07:35
Chlorobenzene	50.0			46.1	ug/kg		92	(74%-120%)		
Chloroethane	50.0			49.7	ug/kg		99	(69%-133%)		
Chloroform	50.0			45.2	ug/kg		90	(72%-122%)		
Chloromethane	50.0			46.3	ug/kg		93	(53%-142%)		
Cyclohexane	50.0			44.6	ug/kg		89	(63%-130%)		
Dibromochloromethane	50.0			48.5	ug/kg		97	(73%-125%)		
Dichlorodifluoromethane	50.0			56.7	ug/kg		113	(57%-150%)		
Ethylbenzene	50.0			43.6	ug/kg		87	(72%-120%)		
Isopropylbenzene	50.0			45.9	ug/kg		92	(74%-129%)		
Methyl acetate	250			220	ug/kg		88	(66%-131%)		
Methylcyclohexane	50.0			47.0	ug/kg		94	(71%-127%)		
Methylene chloride	50.0			47.6	ug/kg		95	(71%-124%)		
Styrene	50.0			45.3	ug/kg		91	(70%-123%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Tetrachloroethylene	50.0			52.4	ug/kg		105	(68%-126%)	CO1	04/06/26 07:35
Toluene	50.0			43.3	ug/kg		87	(73%-120%)		
Trichloroethylene	50.0			50.3	ug/kg		101	(74%-122%)		
Trichlorofluoromethane	50.0			50.9	ug/kg		102	(66%-137%)		
Vinyl chloride	50.0			49.0	ug/kg		98	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			49.7	ug/kg		99	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			46.4	ug/kg		93	(74%-123%)		
m,p-Xylenes	100			92.4	ug/kg		92	(72%-121%)		
o-Xylene	50.0			42.2	ug/kg		84	(73%-120%)		
tert-Butyl methyl ether	50.0			43.4	ug/kg		87	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			46.2	ug/kg		92	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			40.8	ug/kg		82	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			43.9	ug/L		88	(75%-131%)		
**Bromofluorobenzene	50.0			43.7	ug/L		87	(67%-136%)		

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
**Toluene-d8	50.0			45.7	ug/L		91	(79%-122%)	CO1	04/06/26 07:35
QC1206427614 LCS										
1,4-Dioxane	2500			2540	ug/kg		101	(57%-134%)		04/06/26 08:26
Trichlorotrifluoroethane	250			223	ug/kg		89	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			44.4	ug/L		89	(75%-131%)		
**Bromofluorobenzene	50.0			43.0	ug/L		86	(67%-136%)		
**Toluene-d8	50.0			46.6	ug/L		93	(79%-122%)		
QC1206426607 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					04/03/26 09:19
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
1,2-Dibromo-3-chloropropane			U	ND	ug/kg				CO1	04/03/26 09:19
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Bromodichloromethane			U	ND	ug/kg				CO1	04/03/26 09:19
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Methyl acetate			U	ND	ug/kg				CO1	04/03/26 09:19
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
tert-Butyl methyl ether			U	ND	ug/kg				CO1	04/03/26 09:19
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			45.4	ug/L		91	(75%-131%)		
**Bromofluorobenzene	50.0			42.1	ug/L		84	(67%-136%)		
**Toluene-d8	50.0			46.8	ug/L		94	(79%-122%)		
QC1206427615 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					04/06/26 09:17
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
1,2-Dibromoethane			U	ND	ug/kg				CO1	04/06/26 09:17
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Bromoform			U	ND	ug/kg				CO1	04/06/26 09:17
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972240										
Methylcyclohexane			U	ND	ug/kg				CO1	04/06/26 09:17
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972240											
trans-1,2-Dichloroethylene				U	ND	ug/kg				CO1	04/06/26 09:17
trans-1,3-Dichloropropylene				U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0				44.5	ug/L		89	(75%-131%)		
**Bromofluorobenzene	50.0				43.8	ug/L		88	(67%-136%)		
**Toluene-d8	50.0				46.8	ug/L		94	(79%-122%)		
QC1206426608 770107001 MS											
1,1,1-Trichloroethane	13100	U	ND		12600	ug/kg		96	(41%-133%)		04/06/26 12:39
1,1,2,2-Tetrachloroethane	13100	U	ND		11500	ug/kg		88	(37%-136%)		
1,1,2-Trichloroethane	13100	U	ND		11700	ug/kg		89	(44%-128%)		
1,1-Dichloroethane	13100	U	ND		11500	ug/kg		87	(44%-135%)		
1,1-Dichloroethylene	13100	U	ND		12700	ug/kg		97	(40%-147%)		
1,2,3-Trichlorobenzene	13100	U	ND		13400	ug/kg		102	(30%-133%)		
1,2,4-Trichlorobenzene	13100	U	ND		13400	ug/kg		102	(29%-139%)		
1,2-Dibromo-3-chloropropane	13100	U	ND		13900	ug/kg		106	(30%-142%)		
1,2-Dibromoethane	13100	U	ND		13100	ug/kg		100	(45%-133%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2972240												
1,2-Dichlorobenzene	13100	U	ND		12800	ug/kg		97	(24%-133%)	CO1	04/06/26	12:39
1,2-Dichloroethane	13100	U	ND		11400	ug/kg		87	(43%-129%)			
1,2-Dichloropropane	13100	U	ND		11400	ug/kg		87	(44%-128%)			
1,3-Dichlorobenzene	13100	U	ND		12700	ug/kg		97	(24%-132%)			
1,4-Dichlorobenzene	13100	U	ND		12800	ug/kg		97	(24%-132%)			
2-Butanone	65600	U	ND		61800	ug/kg		94	(43%-134%)			
2-Hexanone	65600	U	ND		57300	ug/kg		87	(34%-142%)			
4-Methyl-2-pentanone	65600	U	ND		57500	ug/kg		88	(44%-137%)			
Acetone	65600	U	ND		60900	ug/kg		93	(37%-134%)			
Benzene	13100	U	ND		12000	ug/kg		91	(43%-127%)			
Bromochloromethane	13100	U	ND		14100	ug/kg		108	(45%-132%)			
Bromodichloromethane	13100	U	ND		12300	ug/kg		94	(44%-130%)			
Bromoform	13100	U	ND		13400	ug/kg		102	(34%-131%)			
Bromomethane	13100	U	ND		11400	ug/kg		87	(15%-150%)			

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972240											
Carbon disulfide	65600	U	ND		62000	ug/kg		94	(39%-145%)	CO1	04/06/26 12:39
Carbon tetrachloride	13100	U	ND		13500	ug/kg		103	(40%-137%)		
Chlorobenzene	13100	U	ND		12300	ug/kg		94	(35%-128%)		
Chloroethane	13100	U	ND		11900	ug/kg		91	(35%-142%)		
Chloroform	13100	U	ND		12000	ug/kg		91	(44%-129%)		
Chloromethane	13100	U	ND		11100	ug/kg		85	(32%-150%)		
Cyclohexane	13100	U	ND		11500	ug/kg		88	(30%-136%)		
Dibromochloromethane	13100	U	ND		12800	ug/kg		98	(42%-130%)		
Dichlorodifluoromethane	13100	U	ND		13200	ug/kg		101	(31%-159%)		
Ethylbenzene	13100	U	ND		11700	ug/kg		89	(33%-131%)		
Isopropylbenzene	13100	U	ND		12500	ug/kg		95	(27%-147%)		
Methyl acetate	65600	U	ND		60400	ug/kg		92	(42%-154%)		
Methylcyclohexane	13100	U	ND		12400	ug/kg		95	(27%-137%)		
Methylene chloride	13100	U	ND		12800	ug/kg		97	(43%-136%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972240											
Styrene	13100	U	ND		12200	ug/kg		93	(29%-133%)	CO1	04/06/26 12:39
Tetrachloroethylene	13100		8280		21200	ug/kg		98	(31%-134%)		
Toluene	13100	J	139		11700	ug/kg		88	(35%-132%)		
Trichloroethylene	13100	U	ND		13400	ug/kg		102	(39%-133%)		
Trichlorofluoromethane	13100	U	ND		11800	ug/kg		90	(39%-140%)		
Vinyl chloride	13100	U	ND		11200	ug/kg		86	(32%-146%)		
cis-1,2-Dichloroethylene	13100	U	ND		13100	ug/kg		100	(43%-131%)		
cis-1,3-Dichloropropylene	13100	U	ND		12400	ug/kg		95	(38%-131%)		
m,p-Xylenes	26200	U	ND		24600	ug/kg		94	(32%-131%)		
o-Xylene	13100	U	ND		11300	ug/kg		86	(33%-131%)		
tert-Butyl methyl ether	13100	U	ND		11800	ug/kg		90	(46%-128%)		
trans-1,2-Dichloroethylene	13100	U	ND		12100	ug/kg		92	(41%-135%)		
trans-1,3-Dichloropropylene	13100	U	ND		11100	ug/kg		84	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		43.8		43.5	ug/L		87	(75%-131%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972240											
**Bromofluorobenzene	50.0		43.1		45.5	ug/L		91	(67%-136%)	CO1	04/06/26 12:39
**Toluene-d8	50.0		47.2		46.4	ug/L		93	(79%-122%)		
QC1206426610 770107001 MS											
1,4-Dioxane	656000	U	ND		680000	ug/kg		104	(40%-142%)		04/06/26 13:30
Trichlorotrifluoroethane	65600	U	ND		55000	ug/kg		84	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		43.8		43.6	ug/L		87	(75%-131%)		
**Bromofluorobenzene	50.0		43.1		43.9	ug/L		88	(67%-136%)		
**Toluene-d8	50.0		47.2		45.9	ug/L		92	(79%-122%)		
QC1206426609 770107001 MSD											
1,1,1-Trichloroethane	13100	U	ND		11800	ug/kg	7	90	(0%-20%)		04/06/26 13:05
1,1,2,2-Tetrachloroethane	13100	U	ND		11100	ug/kg	4	85	(0%-20%)		
1,1,2-Trichloroethane	13100	U	ND		11200	ug/kg	4	85	(0%-20%)		
1,1-Dichloroethane	13100	U	ND		10800	ug/kg	6	82	(0%-20%)		
1,1-Dichloroethylene	13100	U	ND		11800	ug/kg	7	90	(0%-20%)		
1,2,3-Trichlorobenzene	13100	U	ND		13400	ug/kg	0	102	(0%-20%)		
1,2,4-Trichlorobenzene	13100	U	ND		13200	ug/kg	1	101	(0%-20%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2972240												
1,2-Dibromo-3-chloropropane	13100	U	ND		13400	ug/kg	3	102	(0%-20%)	CO1	04/06/26	13:05
1,2-Dibromoethane	13100	U	ND		12600	ug/kg	4	96	(0%-20%)			
1,2-Dichlorobenzene	13100	U	ND		12400	ug/kg	3	94	(0%-20%)			
1,2-Dichloroethane	13100	U	ND		10900	ug/kg	5	83	(0%-20%)			
1,2-Dichloropropane	13100	U	ND		10800	ug/kg	6	82	(0%-20%)			
1,3-Dichlorobenzene	13100	U	ND		12300	ug/kg	4	93	(0%-20%)			
1,4-Dichlorobenzene	13100	U	ND		12300	ug/kg	4	94	(0%-20%)			
2-Butanone	65600	U	ND		58800	ug/kg	5	90	(0%-20%)			
2-Hexanone	65600	U	ND		53600	ug/kg	7	82	(0%-20%)			
4-Methyl-2-pentanone	65600	U	ND		55200	ug/kg	4	84	(0%-20%)			
Acetone	65600	U	ND		58500	ug/kg	4	89	(0%-20%)			
Benzene	13100	U	ND		11300	ug/kg	6	86	(0%-20%)			
Bromochloromethane	13100	U	ND		13500	ug/kg	4	103	(0%-20%)			
Bromodichloromethane	13100	U	ND		11800	ug/kg	4	90	(0%-20%)			

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972240											
Bromoform	13100	U	ND		12800	ug/kg	4	98	(0%-20%)	CO1	04/06/26 13:05
Bromomethane	13100	U	ND		11800	ug/kg	3	90	(0%-20%)		
Carbon disulfide	65600	U	ND		58400	ug/kg	6	89	(0%-20%)		
Carbon tetrachloride	13100	U	ND		12700	ug/kg	6	97	(0%-20%)		
Chlorobenzene	13100	U	ND		11900	ug/kg	4	90	(0%-20%)		
Chloroethane	13100	U	ND		11700	ug/kg	2	89	(0%-20%)		
Chloroform	13100	U	ND		11300	ug/kg	6	86	(0%-20%)		
Chloromethane	13100	U	ND		10800	ug/kg	2	83	(0%-20%)		
Cyclohexane	13100	U	ND		10700	ug/kg	7	82	(0%-20%)		
Dibromochloromethane	13100	U	ND		12300	ug/kg	4	94	(0%-20%)		
Dichlorodifluoromethane	13100	U	ND		12800	ug/kg	3	98	(0%-20%)		
Ethylbenzene	13100	U	ND		11000	ug/kg	6	84	(0%-20%)		
Isopropylbenzene	13100	U	ND		12000	ug/kg	4	91	(0%-20%)		
Methyl acetate	65600	U	ND		57700	ug/kg	5	88	(0%-20%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972240											
Methylcyclohexane	13100	U	ND		11700	ug/kg	6	89	(0%-20%)	CO1	04/06/26 13:05
Methylene chloride	13100	U	ND		12100	ug/kg	5	93	(0%-20%)		
Styrene	13100	U	ND		11700	ug/kg	4	89	(0%-20%)		
Tetrachloroethylene	13100		8280		21300	ug/kg	1	99	(0%-20%)		
Toluene	13100	J	139		11200	ug/kg	4	84	(0%-20%)		
Trichloroethylene	13100	U	ND		12600	ug/kg	6	96	(0%-20%)		
Trichlorofluoromethane	13100	U	ND		11700	ug/kg	1	89	(0%-20%)		
Vinyl chloride	13100	U	ND		11000	ug/kg	2	84	(0%-20%)		
cis-1,2-Dichloroethylene	13100	U	ND		12500	ug/kg	5	95	(0%-20%)		
cis-1,3-Dichloropropylene	13100	U	ND		11900	ug/kg	5	90	(0%-20%)		
m,p-Xylenes	26200	U	ND		23300	ug/kg	5	89	(0%-20%)		
o-Xylene	13100	U	ND		10900	ug/kg	4	83	(0%-20%)		
tert-Butyl methyl ether	13100	U	ND		11200	ug/kg	5	86	(0%-20%)		
trans-1,2-Dichloroethylene	13100	U	ND		11300	ug/kg	7	86	(0%-20%)		

QC Summary

Workorder: **769624**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972240											
trans-1,3-Dichloropropylene	13100	U	ND		10600	ug/kg	4	81	(0%-20%)	CO1	04/06/26 13:05
**1,2-Dichloroethane-d4	50.0		43.8		43.8	ug/L		88	(75%-131%)		
**Bromofluorobenzene	50.0		43.1		46.8	ug/L		94	(67%-136%)		
**Toluene-d8	50.0		47.2		47.6	ug/L		95	(79%-122%)		
QC1206426611 770107001 MSD											
1,4-Dioxane	656000	U	ND		673000	ug/kg	1	103	(0%-20%)		04/06/26 13:55
Trichlorotrifluoroethane	65600	U	ND		56800	ug/kg	3	87	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		43.8		44.0	ug/L		88	(75%-131%)		
**Bromofluorobenzene	50.0		43.1		45.1	ug/L		90	(67%-136%)		
**Toluene-d8	50.0		47.2		47.5	ug/L		95	(79%-122%)		

Notes:

The Qualifiers in this report are defined as follows:

- U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J J Value is estimated
- B B The target analyte was detected in the associated blank.
- P P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
- E E Concentration of the target analyte exceeds the instrument calibration range

QC Summary

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Client : **GEL Engineering, LLC**
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **769624**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
** Indicates analyte is a surrogate/tracer compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: 1 of 5
Project # RVDE00425
GEL Quote # GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 769624 GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	TAL Metals, TCL SVOCs	<-- Preservative Type (6)	Comments
LS-SB-18-2.0-DP	03.23.26	1442	DUP	N	SO			1		1		Note: extra sample is required for sample specific QC
LS-SB-18-4.0		1455	G	N	SO			5	4	1		
LS-SB-18-4.0-DP		1457	DUP	N	SO			5	4	1		
LS-SB-31-3.0		1605	G	N	SO			5	4	1		
LS-SB-26-2.0		1700	G	N	SO			1		1		
LS-SB-27-2.0	03-24-26	0820	G	N	SO			1		1		
LS-SB-27-4.0		0840	G	N	SO			5	4	1		
LS-SB-45-1.0		1100	G	N	SO			1		1		
LS-SB-45-4.0		1105	G	N	SO			5	4	1		
LS-SB-28-1.0		1415	G	N	SO			1		1		

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	3.24.26	1640	[signature]	3.24.26	1640
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] *Yes* [ ] *No* ***Cooler Temp:*** ____ °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

Page: 2 of 5
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number:
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB)
Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	CrVI, TAL Metals, TCL SVOCs	CN, TCL PCBs, TCL Pesticides	<-- Preservative Type (6)	Comments
LS-TB-032326	03.23.26	1000	TB	N	DO			3	3				Note: extra sample is required for sample specific QC
LS-SB-39-3.0		1050	G	N	SO			5	4	1			
LS-SB-19-2.0		1125	G	N	SO			1		1			
LS-SB-19-4.0		1135	G	N	SO			5	4	1			
LS-SB-17-1.0		1145	G	N	SO			2		1	1		
LS-SB-17-3.0		1150	G	N	SO			6	4	1	1		
LS-SB-22-3.0		1335	G	N	SO			5	4	1			
LS-SB-21-2.0		1400	G	N	SO			1		1			
LS-SB-21-4.0		1405	G	N	SO			5	4	1			
LS-SB-18-2.0		1440	G	N	SO			1		1			

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3-24-26	1640		3.24.26	1640
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] *Yes* [ ] *No* ***Cooler Temp:*** ___ °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

Page: 3 of 5
Project # RVDE00425
GEL Quote #: LELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number:
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB)
Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Cr6, TAL metals TCL SVOCs	<-- Preservative Type (6)	Comments
LS-SB-28-3.0	03-24-26	1420	G	N	SO			5	4	1		Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3-24-26	1640		3.24.26	1640
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No *Cooler Temp:* ___ °C

> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*

Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B/7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	**SDG/AR/COC/Work Order:** 769624	**GEL PM:**
Received By: Joel Boatwright	**Date Received at GEL:** 3.24.26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services (Courier) Client Other:

IR Temp gun # IR3-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
Cooler 1	4				
Cooler 2	4				
Cooler 3	2				
Cooler 4	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr **Classified as: Rad 1 Rad 2 Rad 3**
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials GS Date 3/25/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 08 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 769624

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2971014

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624011	LS-TB-032326
1206424674	Laboratory Control Sample (LCS) **Batch 2971014**
1206424675	Laboratory Control Sample (LCS)
1206424676	Method Blank (MB)
1206424677	769603002(NonSDG) Matrix Spike (MS)
1206424678	769603002(NonSDG) Matrix Spike Duplicate (MSD)
1206424679	769603002(NonSDG) Matrix Spike (MS)
1206424680	769603002(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206424676 (MB)	Methylene chloride	1.13 ug/L between (0.5 - 5)

Miscellaneous Information

Manual Integrations
Some initial calibration standards, continuing calibration standards, and/or samples may have required manual integrations due to software limitations.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2972240

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2972238

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624002	LS-SB-18-4.0
769624003	LS-SB-18-4.0-DP
769624004	LS-SB-31-3.0
769624007	LS-SB-27-4.0
769624009	LS-SB-45-4.0
769624012	LS-SB-39-3.0
769624014	LS-SB-19-4.0
769624016	LS-SB-17-3.0
769624017	LS-SB-22-3.0
769624019	LS-SB-21.4.0
769624021	LS-SB-28-3.0
1206426605	Laboratory Control Sample (LCS) **Batch 2972240**
1206426606	Laboratory Control Sample (LCS)
1206426607	Method Blank (MB)
1206426608	770107001(NonSDG) Matrix Spike (MS)
1206426609	770107001(NonSDG) Matrix Spike Duplicate (MSD)
1206426610	770107001(NonSDG) Matrix Spike (MS)
1206426611	770107001(NonSDG) Matrix Spike Duplicate (MSD)
1206427613	Laboratory Control Sample (LCS)
1206427614	Laboratory Control Sample (LCS)
1206427615	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 769624002 (LS-SB-18-4.0), 769624003 (LS-SB-18-4.0-DP), 769624004 (LS-SB-31-3.0), 769624007 (LS-SB-27-4.0), 769624009 (LS-SB-45-4.0), 769624012 (LS-SB-39-3.0), 769624014 (LS-SB-19-4.0), 769624016 (LS-SB-17-3.0), 769624017 (LS-SB-22-3.0), 769624019 (LS-SB-21.4.0) and 769624021 (LS-SB-28-3.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Technical Information

Sample Dilutions/Methanol Dilutions

Sample 769624007 (LS-SB-27-4.0) was analyzed employing a methanol dilution extraction procedure because target analyte concentrations exceeded the calibration range.
Sample 769624007 (LS-SB-27-4.0) was diluted due to the presence of non-target analytes and/or excessive hydrocarbon matrix interference.
Sample 769624007 (LS-SB-27-4.0) in this SDG was analyzed at a dilution. The sample was not analyzed at a lower dilution. There were positive results for target analytes within the middle to upper range of the calibration curve.

Analyte	**769624007**
Several	1000X

Sample Re-extraction/Re-analysis
Sample 769624007 (LS-SB-27-4.0) was re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and was reported.
Samples 769624009 (LS-SB-45-4.0) and 769624012 (LS-SB-39-3.0) were re-analyzed and reported due to possible carry-over from a previously analyzed sample.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2970789

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2970785

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624001	LS-SB-18-2.0-DP
769624002	LS-SB-18-4.0
769624003	LS-SB-18-4.0-DP
769624004	LS-SB-31-3.0
769624005	LS-SB-26-2.0
769624006	LS-SB-27-2.0
769624007	LS-SB-27-4.0
769624009	LS-SB-45-4.0
769624010	LS-SB-28-1.0
769624012	LS-SB-39-3.0
769624013	LS-SB-19-2.0
769624014	LS-SB-19-4.0
769624015	LS-SB-17-1.0
769624018	LS-SB-21-2.0
769624020	LS-SB-18-2.0
769624021	LS-SB-28-3.0
1206424328	Method Blank (MB) **Batch 2970789**
1206424329	Laboratory Control Sample (LCS)

1206424330 769624002(LS-SB-18-4.0) Matrix Spike (MS)
1206424331 769624002(LS-SB-18-4.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted and displayed similar surrogate failures. The failures were attributed to matrix interference. The original extraction results have been reported.

Sample	Analyte	Value
769624012 (LS-SB-39-3.0)	2, 4, 6-Tribromophenol	10* (20%-104%)
	2-Fluorophenol	8* (19%-94%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206424329 (LCS)	Benzaldehyde	20* (21%-89%)

Spike Recovery Statement
The MS or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. As similar recoveries were displayed in the MS and MSD, the failures were attributed to sample matrix interference and the data were reported.

Sample	Analyte	Value
1206424330 (LS-SB-18-4.0MS)	Hexachlorocyclopentadiene	0* (16%-60%)
1206424331 (LS-SB-18-4.0MSD)	Hexachlorocyclopentadiene	0* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206424330MS and 1206424331MSD (LS-SB-18-4.0)	2, 4, 5-Trichlorophenol	RPD 33* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 38* (0%-30%)
	2-Nitrophenol	RPD 32* (0%-30%)

Technical Information

Sample Dilutions
Sample 769624008 (LS-SB-45-1.0) was diluted due to the presence of one or more over-range target analytes.

Sample Re-extraction/Re-analysis
Sample 769624009 (LS-SB-45-4.0) was re-analyzed due to the possibility of carryover from the previous injection. Data were reported from the re-analysis.
Samples 769624008 (LS-SB-45-1.0), 769624016 (LS-SB-17-3.0), 769624017 (LS-SB-22-3.0) and 769624019 (LS-SB-21.4.0) were re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Manual Integrations
Samples (See Below) required manual integration in order to properly identify one or more peaks and/or to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
769624012 (LS-SB-39-3.0)	2-Fluorophenol	Result 297ug/kg
769624018 (LS-SB-21-2.0)	Benzaldehyde	Result 1270ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2972177

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2972172

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624008	LS-SB-45-1.0
769624016	LS-SB-17-3.0
769624017	LS-SB-22-3.0
769624019	LS-SB-21.4.0
1206426480	Method Blank (MB) **Batch 2972177**
1206426481	Laboratory Control Sample (LCS)
1206426482	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to the activity of the sample matrix (ALARA).
An LCSD was used in place of matrix QC due to limited sample volume.

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206426481 (LCS)	Benzaldehyde	13* (21%-89%)
1206426482 (LCSD)	Benzaldehyde	12* (21%-89%)

Technical Information

Sample Re-extraction/Re-analysis
Samples 769624008 (LS-SB-45-1.0), 769624016 (LS-SB-17-3.0), 769624017 (LS-SB-22-3.0) and 769624019 (LS-SB-21.4.0) were re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3546/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2971023

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 2971021

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624015	LS-SB-17-1.0
769624016	LS-SB-17-3.0
1206424690	Method Blank (MB) **Batch 2971023**
1206424691	Laboratory Control Sample (LCS)
1206424692	770081004(NonSDG) Matrix Spike (MS)
1206424693	770081004(NonSDG) Matrix Spike Duplicate (MSD)
1206424694	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The MS did not meet spike recovery acceptance criteria due to extraction efficiency issue.

Sample	Analyte	Value
1206424692 (Non SDG 770081004MS)	4, 4'-DDD	27* (33%-164%)
	Endosulfan II	22* (26%-151%)
	Endosulfan sulfate	19* (22%-164%)
	Endrin	30* (35%-162%)
	Endrin aldehyde	19* (20%-155%)
	delta-BHC	21* (28%-160%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair.

Sample	Analyte	Value
1206424692MS and 1206424693MSD (Non SDG 770081004)	4, 4'-DDD	RPD 35* (0%-30%)
	Dieldrin	RPD 31* (0%-30%)
	Endosulfan II	RPD 40* (0%-30%)
	Endosulfan sulfate	RPD 42* (0%-30%)
	Endrin aldehyde	RPD 43* (0%-30%)
	Endrin ketone	RPD 41* (0%-30%)
	Methoxychlor	RPD 37* (0%-30%)
	alpha-BHC	RPD 34* (0%-30%)
	beta-BHC	RPD 37* (0%-30%)
	delta-BHC	RPD 44* (0%-30%)

	gamma-BHC (Lindane)	RPD 37* (0%-30%)

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

Miscellaneous Information

Manual Integrations
Sample 1206424694 (LCS) required manual integration to correctly position the baseline as set in the calibration standard injections.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2967012

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2967011

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624001	LS-SB-18-2.0-DP
769624002	LS-SB-18-4.0
769624003	LS-SB-18-4.0-DP
769624004	LS-SB-31-3.0
769624005	LS-SB-26-2.0
769624006	LS-SB-27-2.0
769624007	LS-SB-27-4.0
769624008	LS-SB-45-1.0
769624009	LS-SB-45-4.0
769624010	LS-SB-28-1.0
769624012	LS-SB-39-3.0
769624013	LS-SB-19-2.0
769624014	LS-SB-19-4.0
769624015	LS-SB-17-1.0
769624016	LS-SB-17-3.0
769624017	LS-SB-22-3.0
769624018	LS-SB-21-2.0
769624019	LS-SB-21.4.0
769624020	LS-SB-18-2.0
769624021	LS-SB-28-3.0
1206417405	Method Blank (MB)**ICP Batch 2967012**
1206417406	Laboratory Control Sample (LCS)
1206417410	769624002(LS-SB-18-4.0L) Serial Dilution (SD)
1206417407	769624002(LS-SB-18-4.0S) Matrix Spike (MS)
1206417408	769624002(LS-SB-18-4.0SD) Matrix Spike Duplicate (MSD)

1206417409 769624002(LS-SB-18-4.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206417407 (LS-SB-18-4.0MS)	Copper	-131* (75%-125%)
	Lead	51.1* (75%-125%)
	Nickel	54.9* (75%-125%)
	Vanadium	24.7* (75%-125%)
1206417408 (LS-SB-18-4.0MSD)	Arsenic	129* (75%-125%)
	Copper	-77.8* (75%-125%)
	Lead	66.7* (75%-125%)
	Nickel	70.2* (75%-125%)
	Potassium	133* (75%-125%)
	Vanadium	40.6* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206417407MS and 1206417408MSD (LS-SB-18-4.0)	Iron	RPD 21.9* (0%-20%)
	Magnesium	RPD 26.4* (0%-20%)
	Manganese	RPD 26.7* (0%-20%)
	Zinc	RPD 33.8* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions

Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of iron, manganese, barium, and calcium within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 769624001 (LS-SB-18-2.0-DP), 769624002 (LS-SB-18-4.0), 769624003 (LS-SB-18-4.0-DP), 769624004 (LS-SB-31-3.0), 769624005 (LS-SB-26-2.0), 769624006 (LS-SB-27-2.0), 769624008 (LS-SB-45-1.0), 769624009 (LS-SB-45-4.0), 769624010 (LS-SB-28-1.0), 769624012 (LS-SB-39-3.0), 769624013 (LS-SB-19-2.0), 769624017 (LS-SB-22-3.0), 769624018 (LS-SB-21-2.0), 769624020 (LS-SB-18-2.0) and 769624021 (LS-SB-28-3.0).

Samples were initially diluted due to the yellow matrix that can cause instrument failures. 769624004 (LS-SB-31-3.0), 769624005 (LS-SB-26-2.0), 769624008 (LS-SB-45-1.0), 769624010 (LS-SB-28-1.0) and 769624021 (LS-SB-28-3.0).

Analyte	769624									
	001	**002**	**003**	**004**	**005**	**006**	**008**	**009**	**010**	**012**
Aluminum				10X	10X	10X	10X		10X	
Antimony	5X	10X		10X	10X		10X		10X	10X
Arsenic	5X	10X		10X	10X		10X		10X	10X
Barium	5X	10X		10X	10X		10X		10X	10X
Beryllium				10X	10X		10X		10X	
Cadmium	5X	10X		10X	10X		10X		10X	10X
Calcium	5X	10X		10X	10X	10X	10X		10X	10X
Chromium	5X	10X		10X	10X		10X		10X	10X
Cobalt	5X	10X		10X	10X		10X		10X	10X
Copper	5X	10X		10X	10X		10X		10X	10X
Iron	5X	10X		10X	10X		10X		10X	10X
Lead	5X	10X		10X	10X	10X	10X		10X	10X
Magnesium	5X	10X		10X	10X		10X		10X	10X
Manganese	10X	10X	5X	10X	20X		20X	5X	20X	20X
Nickel	5X	10X		10X	10X		10X		10X	10X
Potassium	5X	10X		10X	10X		10X		10X	10X
Selenium	5X	10X		10X	10X		10X		10X	10X
Silver	5X	10X		10X	10X	10X	10X		10X	10X
Sodium				10X	10X		10X		10X	
Thallium				10X	10X		10X		10X	
Vanadium	5X	10X		10X	10X		10X		10X	10X
Zinc	5X	10X		10X	10X	10X	10X		10X	10X

Analyte	769624				
	013	**017**	**018**	**020**	**021**
Aluminum				5X	10X
Antimony	10X	10X			10X
Arsenic	10X	10X			10X
Barium	10X	10X	5X		10X
Beryllium					10X
Cadmium	10X	10X			10X
Calcium	10X	10X		5X	10X

Chromium	10X	10X			10X
Cobalt	10X	10X	5X		10X
Copper	10X	10X			10X
Iron	10X	10X			10X
Lead	10X	10X			10X
Magnesium	10X	10X			10X
Manganese	10X	20X		5X	10X
Nickel	10X	10X			10X
Potassium	10X	10X			10X
Selenium	10X	10X			10X
Silver	10X	10X		5X	10X
Sodium					10X
Thallium					10X
Vanadium	10X	10X			10X
Zinc	10X	10X		5X	10X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2967376

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2967375

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624001	LS-SB-18-2.0-DP
769624002	LS-SB-18-4.0
769624003	LS-SB-18-4.0-DP
769624004	LS-SB-31-3.0
769624005	LS-SB-26-2.0
769624006	LS-SB-27-2.0
769624007	LS-SB-27-4.0
769624008	LS-SB-45-1.0
769624009	LS-SB-45-4.0
769624010	LS-SB-28-1.0
769624012	LS-SB-39-3.0
769624013	LS-SB-19-2.0
769624014	LS-SB-19-4.0
769624015	LS-SB-17-1.0
769624016	LS-SB-17-3.0
769624017	LS-SB-22-3.0
769624018	LS-SB-21-2.0
769624019	LS-SB-21.4.0
769624020	LS-SB-18-2.0
769624021	LS-SB-28-3.0
1206418053	Method Blank (MB)**CVAA Batch 2967376**

1206418054	Laboratory Control Sample (LCS)
1206418055	769624002(LS-SB-18-4.0D) Sample Duplicate (DUP)
1206418056	769624002(LS-SB-18-4.0S) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2971614

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2971612

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624001	LS-SB-18-2.0-DP
769624002	LS-SB-18-4.0
769624003	LS-SB-18-4.0-DP
769624004	LS-SB-31-3.0
769624005	LS-SB-26-2.0
769624006	LS-SB-27-2.0
769624007	LS-SB-27-4.0
769624008	LS-SB-45-1.0
769624009	LS-SB-45-4.0
769624010	LS-SB-28-1.0
769624012	LS-SB-39-3.0
769624013	LS-SB-19-2.0
769624014	LS-SB-19-4.0
769624015	LS-SB-17-1.0
769624016	LS-SB-17-3.0
769624017	LS-SB-22-3.0
769624018	LS-SB-21-2.0
769624019	LS-SB-21.4.0
769624020	LS-SB-18-2.0
769624021	LS-SB-28-3.0
1206425690	Method Blank (MB) **Batch 2971614**
1206425691	Laboratory Control Sample (LCS)
1206425692	769624002(LS-SB-18-4.0) Sample Duplicate (DUP)
1206425693	769624002(LS-SB-18-4.0) Matrix Spike (MS)
1206425694	769624004(LS-SB-31-3.0) Sample Duplicate (DUP)
1206425695	769624004(LS-SB-31-3.0) Matrix Spike (MS)
1206425716	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206425693 (LS-SB-18-4.0MS)	27.5* (75%-125%)
	1206425695 (LS-SB-31-3.0MS)	40.5* (75%-125%)

Technical Information

Sample Dilutions
The following sample 769624018 (LS-SB-21-2.0) in this sample group was diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	769624 018
Hexavalent Chromium	10X

Radiochemistry

Product: Dry Weight
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2966978

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769624001	LS-SB-18-2.0-DP
769624002	LS-SB-18-4.0
769624003	LS-SB-18-4.0-DP
769624004	LS-SB-31-3.0
769624005	LS-SB-26-2.0
769624006	LS-SB-27-2.0
769624007	LS-SB-27-4.0
769624008	LS-SB-45-1.0
769624009	LS-SB-45-4.0
769624010	LS-SB-28-1.0
769624012	LS-SB-39-3.0

769624013	LS-SB-19-2.0
769624014	LS-SB-19-4.0
769624015	LS-SB-17-1.0
769624016	LS-SB-17-3.0
769624017	LS-SB-22-3.0
769624018	LS-SB-21-2.0
769624019	LS-SB-21.4.0
769624020	LS-SB-18-2.0
769624021	LS-SB-28-3.0
1206417350	769624005(LS-SB-26-2.0) Sample Duplicate (DUP) **Batch 2966978**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 09, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Groundwater and Surface Water Sampling
Work Order: 770021

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 26, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 770021 GEL Work Order: 770021

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
E Concentration of the target analyte exceeds the instrument calibration range
J Value is estimated
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-TB-032526	Project:	RVDE00226C
Sample ID:	770021001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	25-MAR-26 10:00		
Receive Date:	26-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/07/26	1843	2973607	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-TB-032526 Project: RVDE00226C
Sample ID: 770021001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	2.49	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.4 ug/L	50.0	105	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	56.6 ug/L	50.0	113	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	51.6 ug/L	50.0	103	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-43-1.0
Sample ID: 770021002
Matrix: Soil
Collect Date: 25-MAR-26 10:45
Receive Date: 26-MAR-26
Collector: Client
Moisture: 13.4%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	10.8	9.18	27.4	ug/kg	119	1	PB1	04/02/26	1039	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		9680000	7620	22400	ug/kg	97.1	1	EM2	03/30/26	1228	2968512	2
Antimony	U	ND	370	2240	ug/kg	97.1	1					
Arsenic		5390	561	3360	ug/kg	97.1	1					
Barium		36000	112	561	ug/kg	97.1	1					
Beryllium	J	495	112	561	ug/kg	97.1	1					
Cadmium		737	112	561	ug/kg	97.1	1					
Calcium		27900000	8970	28000	ug/kg	97.1	1					
Chromium		133000	168	1120	ug/kg	97.1	1					
Cobalt		732	168	561	ug/kg	97.1	1					
Copper		13800	336	2240	ug/kg	97.1	1					
Iron		37600000	8970	28000	ug/kg	97.1	1					
Lead		20100	370	2240	ug/kg	97.1	1					
Magnesium		6790000	9530	33600	ug/kg	97.1	1					
Nickel		6020	168	561	ug/kg	97.1	1					
Potassium		211000	7180	28000	ug/kg	97.1	1					
Selenium	J	1120	561	3360	ug/kg	97.1	1					
Silver	J	228	112	561	ug/kg	97.1	1					
Sodium		58000	7850	28000	ug/kg	97.1	1					
Thallium	U	ND	561	2240	ug/kg	97.1	1					
Vanadium		58100	112	561	ug/kg	97.1	1					
Zinc		118000	449	2240	ug/kg	97.1	1					
Manganese		1420000	1120	5610	ug/kg	97.1	5	EM2	03/30/26	1419	2968512	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	114	381	ug/kg	0.0330	1	BM1	04/06/26	1728	2971449	4
1,2,4,5-Tetrachlorobenzene	U	ND	114	381	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	114	381	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	114	381	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	114	381	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	114	381	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	114	381	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	114	763	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-43-1.0 Project: RVDE00226C
Sample ID: 770021002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	114	381	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	114	381	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	11.4	38.1	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	114	381	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	114	381	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	11.4	38.1	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	114	381	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	114	381	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	114	381	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	153	381	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	114	381	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	114	381	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	114	381	ug/kg	0.0330	1					
Acenaphthene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Acenaphthylene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Acetophenone	U	ND	114	381	ug/kg	0.0330	1					
Anthracene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Atrazine	U	ND	153	381	ug/kg	0.0330	1					
Benzaldehyde	U	ND	114	381	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	11.4	38.1	ug/kg	0.0330	1					
Carbazole	U	ND	11.4	38.1	ug/kg	0.0330	1					
Chrysene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Di-n-butylphthalate	BJ	11.8	11.4	38.1	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	11.4	38.1	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Dibenzofuran	U	ND	114	381	ug/kg	0.0330	1					
Diethylphthalate	U	ND	11.4	38.1	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	11.4	38.1	ug/kg	0.0330	1					
Diphenylamine	U	ND	114	381	ug/kg	0.0330	1					
Fluoranthene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Fluorene	U	ND	11.4	38.1	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-43-1.0 Project: RVDE00226C
Sample ID: 770021002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	114	381	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	114	381	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	114	381	ug/kg	0.0330	1					
Hexachloroethane	U	ND	114	381	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Isophorone	U	ND	114	381	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	114	381	ug/kg	0.0330	1					
Naphthalene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Nitrobenzene	U	ND	114	381	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	114	381	ug/kg	0.0330	1					
Phenanthrene	U	ND	11.4	38.1	ug/kg	0.0330	1					
Phenol	U	ND	114	381	ug/kg	0.0330	1					
Pyrene	U	ND	11.4	38.1	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	114	381	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	114	381	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	114	381	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.4	38.1	ug/kg	0.0330	1					
m,p-Cresols	U	ND	114	381	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	114	381	ug/kg	0.0330	1					
o-Cresol	U	ND	114	381	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	126	381	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	114	381	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.219	0.156	0.390	mg/kg	33.7	1	BR2	04/09/26	1202	2971622	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-43-1.0	Project:	RVDE00226C
Sample ID:	770021002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1910	60	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1200 ug/kg	1910	63	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	1910	73	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2900 ug/kg	3810	76	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2520 ug/kg	3810	66	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2540 ug/kg	3810	67	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-43-3.0
Sample ID: 770021003
Matrix: Soil
Collect Date: 25-MAR-26 11:05
Receive Date: 26-MAR-26
Collector: Client
Moisture: 25.2%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		57.1	10.3	30.7	ug/kg	115	1	PB1	04/02/26	1040	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		18500000	82900	244000	ug/kg	91.2	10	EM2	03/30/26	1241	2968512	2
Antimony	U	ND	4020	24400	ug/kg	91.2	10					
Arsenic	J	9940	6100	36600	ug/kg	91.2	10					
Barium		85800	1220	6100	ug/kg	91.2	10					
Beryllium	U	ND	1220	6100	ug/kg	91.2	10					
Cadmium	J	2910	1220	6100	ug/kg	91.2	10					
Calcium		59700000	97500	305000	ug/kg	91.2	10					
Chromium		205000	1830	12200	ug/kg	91.2	10					
Cobalt		9340	1830	6100	ug/kg	91.2	10					
Copper		103000	3660	24400	ug/kg	91.2	10					
Iron		293000000	97500	305000	ug/kg	91.2	10					
Lead		49800	4020	24400	ug/kg	91.2	10					
Magnesium		17100000	104000	366000	ug/kg	91.2	10					
Manganese		5280000	2440	12200	ug/kg	91.2	10					
Nickel		35500	1830	6100	ug/kg	91.2	10					
Potassium		507000	78000	305000	ug/kg	91.2	10					
Selenium	J	9130	6100	36600	ug/kg	91.2	10					
Silver	U	ND	1220	6100	ug/kg	91.2	10					
Sodium	J	282000	85300	305000	ug/kg	91.2	10					
Thallium	U	ND	6100	24400	ug/kg	91.2	10					
Vanadium		59800	1220	6100	ug/kg	91.2	10					
Zinc		132000	4880	24400	ug/kg	91.2	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	133	443	ug/kg	0.0332	1	BM1	04/06/26	1750	2971449	3
1,2,4,5-Tetrachlorobenzene	U	ND	133	443	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	133	443	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	133	443	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	133	443	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	133	443	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	133	443	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	133	887	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-43-3.0	Project:	RVDE00226C
Sample ID:	770021003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	133	443	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	133	443	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	13.3	44.3	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	133	443	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	133	443	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	13.3	44.3	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	133	443	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	133	443	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	133	443	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	177	443	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	133	443	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	133	443	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	133	443	ug/kg	0.0332	1					
Acenaphthene	U	ND	13.3	44.3	ug/kg	0.0332	1					
Acenaphthylene	U	ND	13.3	44.3	ug/kg	0.0332	1					
Acetophenone	U	ND	133	443	ug/kg	0.0332	1					
Anthracene	U	ND	13.3	44.3	ug/kg	0.0332	1					
Atrazine	U	ND	177	443	ug/kg	0.0332	1					
Benzaldehyde	U	ND	133	443	ug/kg	0.0332	1					
Benzo(a)anthracene	J	27.9	13.3	44.3	ug/kg	0.0332	1					
Benzo(a)pyrene	J	23.1	13.3	44.3	ug/kg	0.0332	1					
Benzo(b)fluoranthene	J	41.7	13.3	44.3	ug/kg	0.0332	1					
Benzo(ghi)perylene	J	25.3	13.3	44.3	ug/kg	0.0332	1					
Benzo(k)fluoranthene	J	14.2	13.3	44.3	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	13.3	44.3	ug/kg	0.0332	1					
Carbazole	U	ND	13.3	44.3	ug/kg	0.0332	1					
Chrysene	J	36.4	13.3	44.3	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	13.3	44.3	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	13.3	44.3	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	13.3	44.3	ug/kg	0.0332	1					
Dibenzofuran	U	ND	133	443	ug/kg	0.0332	1					
Diethylphthalate	U	ND	13.3	44.3	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	13.3	44.3	ug/kg	0.0332	1					
Diphenylamine	U	ND	133	443	ug/kg	0.0332	1					
Fluoranthene		69.6	13.3	44.3	ug/kg	0.0332	1					
Fluorene	U	ND	13.3	44.3	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-43-3.0 Project: RVDE00226C
Sample ID: 770021003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	133	443	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	133	443	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	133	443	ug/kg	0.0332	1					
Hexachloroethane	U	ND	133	443	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	22.6	13.3	44.3	ug/kg	0.0332	1					
Isophorone	U	ND	133	443	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	133	443	ug/kg	0.0332	1					
Naphthalene	U	ND	13.3	44.3	ug/kg	0.0332	1					
Nitrobenzene	U	ND	133	443	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	133	443	ug/kg	0.0332	1					
Phenanthrene		48.8	13.3	44.3	ug/kg	0.0332	1					
Phenol	U	ND	133	443	ug/kg	0.0332	1					
Pyrene		63.0	13.3	44.3	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	133	443	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	133	443	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	133	443	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	13.3	44.3	ug/kg	0.0332	1					
m,p-Cresols	U	ND	133	443	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	133	443	ug/kg	0.0332	1					
o-Cresol	U	ND	133	443	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	146	443	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	133	443	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.180	0.450	mg/kg	33.7	1	BR2	04/09/26	1203	2971622	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.585	1.76	ug/kg	1.32	1	PXY1	04/06/26	1431	2972979	5
1,1,2,2-Tetrachloroethane	U	ND	0.585	1.76	ug/kg	1.32	1					
1,1,2-Trichloroethane	U	ND	0.585	1.76	ug/kg	1.32	1					
1,1-Dichloroethane	U	ND	0.585	1.76	ug/kg	1.32	1					
1,1-Dichloroethylene	U	ND	0.585	1.76	ug/kg	1.32	1					
1,2,3-Trichlorobenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
1,2,4-Trichlorobenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
1,2-Dibromo-3-chloropropane	U	ND	0.879	1.76	ug/kg	1.32	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-43-3.0 Project: RVDE00226C
Sample ID: 770021003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.585	1.76	ug/kg	1.32	1					
1,2-Dichlorobenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
1,2-Dichloroethane	U	ND	0.585	1.76	ug/kg	1.32	1					
1,2-Dichloropropane	U	ND	0.585	1.76	ug/kg	1.32	1					
1,3-Dichlorobenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
1,4-Dichlorobenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
1,4-Dioxane	U	ND	29.3	87.9	ug/kg	1.32	1					
2-Butanone	J	4.82	2.93	8.79	ug/kg	1.32	1					
2-Hexanone	U	ND	2.93	8.79	ug/kg	1.32	1					
4-Methyl-2-pentanone	U	ND	2.93	8.79	ug/kg	1.32	1					
Acetone		30.8	2.93	8.79	ug/kg	1.32	1					
Benzene	U	ND	0.585	1.76	ug/kg	1.32	1					
Bromochloromethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Bromodichloromethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Bromoform	U	ND	0.585	1.76	ug/kg	1.32	1					
Bromomethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Carbon disulfide		9.00	2.93	8.79	ug/kg	1.32	1					
Carbon tetrachloride	U	ND	0.585	1.76	ug/kg	1.32	1					
Chlorobenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
Chloroethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Chloroform	U	ND	0.585	1.76	ug/kg	1.32	1					
Chloromethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Cyclohexane	J	1.04	0.585	1.76	ug/kg	1.32	1					
Dibromochloromethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Dichlorodifluoromethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Ethylbenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
Isopropylbenzene	U	ND	0.585	1.76	ug/kg	1.32	1					
Methyl acetate	U	ND	2.93	8.79	ug/kg	1.32	1					
Methylcyclohexane	U	ND	0.585	1.76	ug/kg	1.32	1					
Methylene chloride	U	ND	2.93	8.79	ug/kg	1.32	1					
Styrene	U	ND	0.585	1.76	ug/kg	1.32	1					
Tetrachloroethylene	U	ND	0.585	1.76	ug/kg	1.32	1					
Toluene	U	ND	0.585	1.76	ug/kg	1.32	1					
Trichloroethylene	U	ND	0.585	1.76	ug/kg	1.32	1					
Trichlorofluoromethane	U	ND	0.585	1.76	ug/kg	1.32	1					
Trichlorotrifluoroethane	U	ND	2.93	8.79	ug/kg	1.32	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-43-3.0 Project: RVDE00226C
Sample ID: 770021003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.585	1.76	ug/kg	1.32	1					
cis-1,2-Dichloroethylene	U	ND	0.585	1.76	ug/kg	1.32	1					
cis-1,3-Dichloropropylene	U	ND	0.585	1.76	ug/kg	1.32	1					
m,p-Xylenes	U	ND	1.17	3.52	ug/kg	1.32	1					
o-Xylene	U	ND	0.585	1.76	ug/kg	1.32	1					
tert-Butyl methyl ether	U	ND	0.585	1.76	ug/kg	1.32	1					
trans-1,2-Dichloroethylene	U	ND	0.585	1.76	ug/kg	1.32	1					
trans-1,3-Dichloropropylene	U	ND	0.585	1.76	ug/kg	1.32	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448
SW846 5035	5035 Prep	PXY1	03/25/26	1105	2972978
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	449 ug/kg	2220	20	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	571 ug/kg	2220	26	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	703 ug/kg	2220	32	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	4430	31	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1090 ug/kg	4430	25	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1060 ug/kg	4430	24	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	90.2 ug/kg	50.0	103	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	99.0 ug/kg	50.0	113	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	84.6 ug/kg	50.0	96	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-43-3.0	Project:	RVDE00226C
Sample ID:	770021003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-44-1.0
Sample ID: 770021004
Matrix: Soil
Collect Date: 25-MAR-26 12:50
Receive Date: 26-MAR-26
Collector: Client
Moisture: 13.3%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		72.6	8.40	25.1	ug/kg	109	1	PB1	04/02/26	1042	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		7220000	7390	21700	ug/kg	94.2	1	EM2	03/30/26	1243	2968512	2
Antimony		5770	359	2170	ug/kg	94.2	1					
Arsenic		4550	543	3260	ug/kg	94.2	1					
Barium		76700	109	543	ug/kg	94.2	1					
Beryllium	J	286	109	543	ug/kg	94.2	1					
Cadmium		914	109	543	ug/kg	94.2	1					
Calcium		34800000	8690	27200	ug/kg	94.2	1					
Chromium		166000	163	1090	ug/kg	94.2	1					
Cobalt		2260	163	543	ug/kg	94.2	1					
Copper		39300	326	2170	ug/kg	94.2	1					
Iron		31900000	8690	27200	ug/kg	94.2	1					
Lead		77300	359	2170	ug/kg	94.2	1					
Magnesium		5090000	9240	32600	ug/kg	94.2	1					
Nickel		12300	163	543	ug/kg	94.2	1					
Potassium		424000	6950	27200	ug/kg	94.2	1					
Selenium	J	1840	543	3260	ug/kg	94.2	1					
Silver		544	109	543	ug/kg	94.2	1					
Sodium		82700	7610	27200	ug/kg	94.2	1					
Thallium	U	ND	543	2170	ug/kg	94.2	1					
Vanadium		38000	109	543	ug/kg	94.2	1					
Zinc		175000	435	2170	ug/kg	94.2	1					
Manganese		2130000	1090	5430	ug/kg	94.2	5	EM2	03/30/26	1429	2968512	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	565	1880	ug/kg	0.0326	5	BM1	04/02/26	1944	2970799	4
1,2,4,5-Tetrachlorobenzene	U	ND	565	1880	ug/kg	0.0326	5					
2,3,4,6-Tetrachlorophenol	U	ND	565	1880	ug/kg	0.0326	5					
2,4,5-Trichlorophenol	U	ND	565	1880	ug/kg	0.0326	5					
2,4,6-Trichlorophenol	U	ND	565	1880	ug/kg	0.0326	5					
2,4-Dichlorophenol	U	ND	565	1880	ug/kg	0.0326	5					
2,4-Dimethylphenol	U	ND	565	1880	ug/kg	0.0326	5					
2,4-Dinitrophenol	U	ND	565	3760	ug/kg	0.0326	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-44-1.0	Project:	RVDE00226C
Sample ID:	770021004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	565	1880	ug/kg	0.0326	5					
2,6-Dinitrotoluene	U	ND	565	1880	ug/kg	0.0326	5					
2-Chloronaphthalene	U	ND	56.5	188	ug/kg	0.0326	5					
2-Chlorophenol	U	ND	565	1880	ug/kg	0.0326	5					
2-Methyl-4,6-dinitrophenol	U	ND	565	1880	ug/kg	0.0326	5					
2-Methylnaphthalene	U	ND	56.5	188	ug/kg	0.0326	5					
2-Nitrophenol	U	ND	565	1880	ug/kg	0.0326	5					
3,3'-Dichlorobenzidine	U	ND	565	1880	ug/kg	0.0326	5					
4-Bromophenylphenylether	U	ND	565	1880	ug/kg	0.0326	5					
4-Chloro-3-methylphenol	U	ND	753	1880	ug/kg	0.0326	5					
4-Chloroaniline	U	ND	565	1880	ug/kg	0.0326	5					
4-Chlorophenylphenylether	U	ND	565	1880	ug/kg	0.0326	5					
4-Nitrophenol	U	ND	565	1880	ug/kg	0.0326	5					
Acenaphthene	U	ND	56.5	188	ug/kg	0.0326	5					
Acenaphthylene	U	ND	56.5	188	ug/kg	0.0326	5					
Acetophenone	U	ND	565	1880	ug/kg	0.0326	5					
Anthracene	U	ND	56.5	188	ug/kg	0.0326	5					
Atrazine	U	ND	753	1880	ug/kg	0.0326	5					
Benzaldehyde	U	ND	565	1880	ug/kg	0.0326	5					
Benzo(a)anthracene	J	135	56.5	188	ug/kg	0.0326	5					
Benzo(a)pyrene	J	145	56.5	188	ug/kg	0.0326	5					
Benzo(b)fluoranthene		226	56.5	188	ug/kg	0.0326	5					
Benzo(ghi)perylene	J	135	56.5	188	ug/kg	0.0326	5					
Benzo(k)fluoranthene	J	65.9	56.5	188	ug/kg	0.0326	5					
Butylbenzylphthalate	U	ND	56.5	188	ug/kg	0.0326	5					
Carbazole	U	ND	56.5	188	ug/kg	0.0326	5					
Chrysene	J	183	56.5	188	ug/kg	0.0326	5					
Di-n-butylphthalate	U	ND	56.5	188	ug/kg	0.0326	5					
Di-n-octylphthalate	U	ND	56.5	188	ug/kg	0.0326	5					
Dibenzo(a,h)anthracene	U	ND	56.5	188	ug/kg	0.0326	5					
Dibenzofuran	U	ND	565	1880	ug/kg	0.0326	5					
Diethylphthalate	U	ND	56.5	188	ug/kg	0.0326	5					
Dimethylphthalate	U	ND	56.5	188	ug/kg	0.0326	5					
Diphenylamine	U	ND	565	1880	ug/kg	0.0326	5					
Fluoranthene		218	56.5	188	ug/kg	0.0326	5					
Fluorene	U	ND	56.5	188	ug/kg	0.0326	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-44-1.0 Project: RVDE00226C
Sample ID: 770021004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	565	1880	ug/kg	0.0326	5					
Hexachlorobutadiene	U	ND	565	1880	ug/kg	0.0326	5					
Hexachlorocyclopentadiene	U	ND	565	1880	ug/kg	0.0326	5					
Hexachloroethane	U	ND	565	1880	ug/kg	0.0326	5					
Indeno(1,2,3-cd)pyrene	J	119	56.5	188	ug/kg	0.0326	5					
Isophorone	U	ND	565	1880	ug/kg	0.0326	5					
N-Nitrosodipropylamine	U	ND	565	1880	ug/kg	0.0326	5					
Naphthalene	U	ND	56.5	188	ug/kg	0.0326	5					
Nitrobenzene	U	ND	565	1880	ug/kg	0.0326	5					
Pentachlorophenol	U	ND	565	1880	ug/kg	0.0326	5					
Phenanthrene	J	96.0	56.5	188	ug/kg	0.0326	5					
Phenol	U	ND	565	1880	ug/kg	0.0326	5					
Pyrene		228	56.5	188	ug/kg	0.0326	5					
bis(2-Chloro-1-methylethyl)ether	U	ND	565	1880	ug/kg	0.0326	5					
bis(2-Chloroethoxy)methane	U	ND	565	1880	ug/kg	0.0326	5					
bis(2-Chloroethyl) ether	U	ND	565	1880	ug/kg	0.0326	5					
bis(2-Ethylhexyl)phthalate	U	ND	56.5	188	ug/kg	0.0326	5					
m,p-Cresols	U	ND	565	1880	ug/kg	0.0326	5					
m-Nitroaniline	U	ND	565	1880	ug/kg	0.0326	5					
o-Cresol	U	ND	565	1880	ug/kg	0.0326	5					
o-Nitroaniline	U	ND	621	1880	ug/kg	0.0326	5					
p-Nitroaniline	U	ND	565	1880	ug/kg	0.0326	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.140	0.351	mg/kg	30.4	1	BR2	04/09/26	1203	2971622	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 3541	Prep Method 3541 8270E BNA for Soil	DC2	04/02/26	0859	2970798
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-44-1.0	Project:	RVDE00226C
Sample ID:	770021004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1290 ug/kg	1880	69	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1300 ug/kg	1880	69	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	1880	72	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2370 ug/kg	3760	63	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2880 ug/kg	3760	76	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2910 ug/kg	3760	77	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-47-1.0	Project:	RVDE00226C
Sample ID:	770021005	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	25-MAR-26 15:00		
Receive Date:	26-MAR-26		
Collector:	Client		
Moisture:	23.3%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		249	9.52	28.4	ug/kg	109	1	PB1	04/02/26	1044	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		78000000	81000	238000	ug/kg	91.4	10	EM2	03/30/26	1431	2968512	2
Antimony	U	ND	3930	23800	ug/kg	91.4	10					
Arsenic	J	8710	5960	35700	ug/kg	91.4	10					
Barium		161000	1190	5960	ug/kg	91.4	10					
Beryllium	U	ND	1190	5960	ug/kg	91.4	10					
Cadmium	J	1380	1190	5960	ug/kg	91.4	10					
Calcium		82000000	95300	298000	ug/kg	91.4	10					
Chromium		262000	1790	11900	ug/kg	91.4	10					
Cobalt	J	5780	1790	5960	ug/kg	91.4	10					
Copper		74100	3570	23800	ug/kg	91.4	10					
Iron		97100000	95300	298000	ug/kg	91.4	10					
Lead		172000	3930	23800	ug/kg	91.4	10					
Magnesium		6340000	101000	357000	ug/kg	91.4	10					
Manganese		1310000	2380	11900	ug/kg	91.4	10					
Nickel		83900	1790	5960	ug/kg	91.4	10					
Potassium		838000	76200	298000	ug/kg	91.4	10					
Selenium	J	10700	5960	35700	ug/kg	91.4	10					
Silver	U	ND	1190	5960	ug/kg	91.4	10					
Sodium		999000	83400	298000	ug/kg	91.4	10					
Thallium	U	ND	5960	23800	ug/kg	91.4	10					
Vanadium		107000	1190	5960	ug/kg	91.4	10					
Zinc		140000	4760	23800	ug/kg	91.4	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	130	432	ug/kg	0.0332	1	LL2	04/06/26	1751	2972177	3
1,2,4,5-Tetrachlorobenzene	U	ND	130	432	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	130	432	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	130	432	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	130	432	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	130	432	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	130	432	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	130	865	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-1.0 Project: RVDE00226C
Sample ID: 770021005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	130	432	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	130	432	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	13.0	43.2	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	130	432	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	130	432	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	13.0	43.2	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	130	432	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	130	432	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	130	432	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	173	432	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	130	432	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	130	432	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	130	432	ug/kg	0.0332	1					
Acenaphthene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Acenaphthylene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Acetophenone	U	ND	130	432	ug/kg	0.0332	1					
Anthracene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Atrazine	U	ND	173	432	ug/kg	0.0332	1					
Benzaldehyde	U	ND	130	432	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	13.0	43.2	ug/kg	0.0332	1					
Carbazole	U	ND	13.0	43.2	ug/kg	0.0332	1					
Chrysene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	13.0	43.2	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	13.0	43.2	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Dibenzofuran	U	ND	130	432	ug/kg	0.0332	1					
Diethylphthalate	U	ND	13.0	43.2	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	13.0	43.2	ug/kg	0.0332	1					
Diphenylamine	U	ND	130	432	ug/kg	0.0332	1					
Fluoranthene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Fluorene	U	ND	13.0	43.2	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-1.0 Project: RVDE00226C
Sample ID: 770021005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	130	432	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	130	432	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	130	432	ug/kg	0.0332	1					
Hexachloroethane	U	ND	130	432	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Isophorone	U	ND	130	432	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	130	432	ug/kg	0.0332	1					
Naphthalene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Nitrobenzene	U	ND	130	432	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	130	432	ug/kg	0.0332	1					
Phenanthrene	U	ND	13.0	43.2	ug/kg	0.0332	1					
Phenol	U	ND	130	432	ug/kg	0.0332	1					
Pyrene	U	ND	13.0	43.2	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	130	432	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	130	432	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	130	432	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	13.0	43.2	ug/kg	0.0332	1					
m,p-Cresols	U	ND	130	432	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	130	432	ug/kg	0.0332	1					
o-Cresol	U	ND	130	432	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	143	432	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	130	432	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.402	0.159	0.397	mg/kg	30.5	1	BR2	04/09/26	1203	2971622	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 3541	Prep Method 3541 8270E BNA for Soil	DC2	04/02/26	0859	2970798
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-47-1.0	Project:	RVDE00226C
Sample ID:	770021005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	651 ug/kg	2160	30	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	656 ug/kg	2160	30	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1060 ug/kg	2160	49	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1780 ug/kg	4320	41	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1570 ug/kg	4320	36	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1700 ug/kg	4320	39	(20%-99%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0
Sample ID: 770021006
Matrix: Soil
Collect Date: 25-MAR-26 15:05
Receive Date: 26-MAR-26
Collector: Client
Moisture: 25.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		43.3	10.6	31.6	ug/kg	117	1	PB1	04/02/26	1046	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4110000	8970	26400	ug/kg	97.8	1	EM2	03/30/26	1253	2968512	2
Antimony	J	1030	435	2640	ug/kg	97.8	1					
Arsenic		7680	659	3960	ug/kg	97.8	1					
Barium		16500	132	659	ug/kg	97.8	1					
Beryllium	J	333	132	659	ug/kg	97.8	1					
Cadmium	J	179	132	659	ug/kg	97.8	1					
Calcium		16600000	10600	33000	ug/kg	97.8	1					
Chromium		34900	198	1320	ug/kg	97.8	1					
Cobalt		1280	198	659	ug/kg	97.8	1					
Copper		7880	396	2640	ug/kg	97.8	1					
Iron		9170000	10600	33000	ug/kg	97.8	1					
Lead		15700	435	2640	ug/kg	97.8	1					
Magnesium		2190000	11200	39600	ug/kg	97.8	1					
Manganese		166000	264	1320	ug/kg	97.8	1					
Nickel		7340	198	659	ug/kg	97.8	1					
Potassium		1070000	8440	33000	ug/kg	97.8	1					
Selenium	J	2590	659	3960	ug/kg	97.8	1					
Silver	U	ND	132	659	ug/kg	97.8	1					
Sodium		300000	9230	33000	ug/kg	97.8	1					
Thallium	U	ND	659	2640	ug/kg	97.8	1					
Vanadium		14900	132	659	ug/kg	97.8	1					
Zinc		51400	528	2640	ug/kg	97.8	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	133	444	ug/kg	0.0329	1	BM1	04/06/26	1812	2971449	3
1,2,4,5-Tetrachlorobenzene	U	ND	133	444	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	133	444	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	133	444	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	133	444	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	133	444	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	133	444	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	133	887	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-47-3.0	Project:	RVDE00226C
Sample ID:	770021006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	133	444	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	133	444	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	13.3	44.4	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	133	444	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	133	444	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	13.3	44.4	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	133	444	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	133	444	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	133	444	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	177	444	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	133	444	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	133	444	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	133	444	ug/kg	0.0329	1					
Acenaphthene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Acenaphthylene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Acetophenone	U	ND	133	444	ug/kg	0.0329	1					
Anthracene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Atrazine	U	ND	177	444	ug/kg	0.0329	1					
Benzaldehyde	U	ND	133	444	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	13.3	44.4	ug/kg	0.0329	1					
Carbazole	U	ND	13.3	44.4	ug/kg	0.0329	1					
Chrysene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	13.3	44.4	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	13.3	44.4	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Dibenzofuran	U	ND	133	444	ug/kg	0.0329	1					
Diethylphthalate	U	ND	13.3	44.4	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	13.3	44.4	ug/kg	0.0329	1					
Diphenylamine	U	ND	133	444	ug/kg	0.0329	1					
Fluoranthene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Fluorene	U	ND	13.3	44.4	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0 Project: RVDE00226C
Sample ID: 770021006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	133	444	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	133	444	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	133	444	ug/kg	0.0329	1					
Hexachloroethane	U	ND	133	444	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Isophorone	U	ND	133	444	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	133	444	ug/kg	0.0329	1					
Naphthalene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Nitrobenzene	U	ND	133	444	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	133	444	ug/kg	0.0329	1					
Phenanthrene	U	ND	13.3	44.4	ug/kg	0.0329	1					
Phenol	U	ND	133	444	ug/kg	0.0329	1					
Pyrene	U	ND	13.3	44.4	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	133	444	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	133	444	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	133	444	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	13.3	44.4	ug/kg	0.0329	1					
m,p-Cresols	U	ND	133	444	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	133	444	ug/kg	0.0329	1					
o-Cresol	U	ND	133	444	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	146	444	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	133	444	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	1.44	1.02	2.56	mg/kg	38.0	5	BR2	04/09/26	1203	2971622	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.383	1.15	ug/kg	0.853	1	PXY1	04/06/26	1457	2972979	5
1,1,2,2-Tetrachloroethane	U	ND	0.383	1.15	ug/kg	0.853	1					
1,1,2-Trichloroethane	U	ND	0.383	1.15	ug/kg	0.853	1					
1,1-Dichloroethane	U	ND	0.383	1.15	ug/kg	0.853	1					
1,1-Dichloroethylene	U	ND	0.383	1.15	ug/kg	0.853	1					
1,2,3-Trichlorobenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
1,2,4-Trichlorobenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
1,2-Dibromo-3-chloropropane	U	ND	0.575	1.15	ug/kg	0.853	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0 Project: RVDE00226C
Sample ID: 770021006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.383	1.15	ug/kg	0.853	1					
1,2-Dichlorobenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
1,2-Dichloroethane	U	ND	0.383	1.15	ug/kg	0.853	1					
1,2-Dichloropropane	U	ND	0.383	1.15	ug/kg	0.853	1					
1,3-Dichlorobenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
1,4-Dichlorobenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
1,4-Dioxane	U	ND	19.2	57.5	ug/kg	0.853	1					
2-Butanone		12.3	1.92	5.75	ug/kg	0.853	1					
2-Hexanone	U	ND	1.92	5.75	ug/kg	0.853	1					
4-Methyl-2-pentanone	U	ND	1.92	5.75	ug/kg	0.853	1					
Acetone		93.3	1.92	5.75	ug/kg	0.853	1					
Benzene	U	ND	0.383	1.15	ug/kg	0.853	1					
Bromochloromethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Bromodichloromethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Bromoform	U	ND	0.383	1.15	ug/kg	0.853	1					
Bromomethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Carbon disulfide	U	ND	1.92	5.75	ug/kg	0.853	1					
Carbon tetrachloride	U	ND	0.383	1.15	ug/kg	0.853	1					
Chlorobenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
Chloroethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Chloroform	U	ND	0.383	1.15	ug/kg	0.853	1					
Chloromethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Cyclohexane	U	ND	0.383	1.15	ug/kg	0.853	1					
Dibromochloromethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Dichlorodifluoromethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Ethylbenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
Isopropylbenzene	U	ND	0.383	1.15	ug/kg	0.853	1					
Methyl acetate	J	2.85	1.92	5.75	ug/kg	0.853	1					
Methylcyclohexane	U	ND	0.383	1.15	ug/kg	0.853	1					
Methylene chloride	U	ND	1.92	5.75	ug/kg	0.853	1					
Styrene	U	ND	0.383	1.15	ug/kg	0.853	1					
Tetrachloroethylene	U	ND	0.383	1.15	ug/kg	0.853	1					
Toluene	U	ND	0.383	1.15	ug/kg	0.853	1					
Trichloroethylene	U	ND	0.383	1.15	ug/kg	0.853	1					
Trichlorofluoromethane	U	ND	0.383	1.15	ug/kg	0.853	1					
Trichlorotrifluoroethane	U	ND	1.92	5.75	ug/kg	0.853	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0 Project: RVDE00226C
Sample ID: 770021006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.383	1.15	ug/kg	0.853	1					
cis-1,2-Dichloroethylene	U	ND	0.383	1.15	ug/kg	0.853	1					
cis-1,3-Dichloropropylene	U	ND	0.383	1.15	ug/kg	0.853	1					
m,p-Xylenes	U	ND	0.767	2.30	ug/kg	0.853	1					
o-Xylene	U	ND	0.383	1.15	ug/kg	0.853	1					
tert-Butyl methyl ether	U	ND	0.383	1.15	ug/kg	0.853	1					
trans-1,2-Dichloroethylene	U	ND	0.383	1.15	ug/kg	0.853	1					
trans-1,3-Dichloropropylene	U	ND	0.383	1.15	ug/kg	0.853	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 5035	5035 Prep	PXY1	03/25/26	1505	2972978

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	603 ug/kg	2220	27	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	663 ug/kg	2220	30	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	880 ug/kg	2220	40	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1810 ug/kg	4440	41	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1380 ug/kg	4440	31	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	4440	31	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	60.7 ug/kg	50.0	106	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	70.0 ug/kg	50.0	122	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	57.8 ug/kg	50.0	100	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-47-3.0	Project:	RVDE00226C
Sample ID:	770021006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0-DP
Sample ID: 770021007
Matrix: Soil
Collect Date: 25-MAR-26 15:07
Receive Date: 26-MAR-26
Collector: Client
Moisture: 23.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		60.7	9.09	27.1	ug/kg	103	1	PB1	04/02/26	1047	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3290000	8740	25700	ug/kg	98.0	1	EM2	03/30/26	1256	2968512	2
Antimony	U	ND	424	2570	ug/kg	98.0	1					
Arsenic		7290	643	3860	ug/kg	98.0	1					
Barium		12800	129	643	ug/kg	98.0	1					
Beryllium	J	330	129	643	ug/kg	98.0	1					
Cadmium	J	146	129	643	ug/kg	98.0	1					
Calcium		9600000	10300	32100	ug/kg	98.0	1					
Chromium		22800	193	1290	ug/kg	98.0	1					
Cobalt		1140	193	643	ug/kg	98.0	1					
Copper		5700	386	2570	ug/kg	98.0	1					
Iron		5920000	10300	32100	ug/kg	98.0	1					
Lead		12500	424	2570	ug/kg	98.0	1					
Magnesium		1620000	10900	38600	ug/kg	98.0	1					
Manganese		65300	257	1290	ug/kg	98.0	1					
Nickel		5460	193	643	ug/kg	98.0	1					
Potassium		908000	8230	32100	ug/kg	98.0	1					
Selenium	J	1690	643	3860	ug/kg	98.0	1					
Silver	U	ND	129	643	ug/kg	98.0	1					
Sodium		294000	9000	32100	ug/kg	98.0	1					
Thallium	U	ND	643	2570	ug/kg	98.0	1					
Vanadium		11700	129	643	ug/kg	98.0	1					
Zinc		36500	514	2570	ug/kg	98.0	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	131	435	ug/kg	0.0332	1	BM1	04/06/26	1834	2971449	3
1,2,4,5-Tetrachlorobenzene	U	ND	131	435	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	131	435	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	131	435	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	131	435	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	131	435	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	131	435	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	131	871	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0-DP
Sample ID: 770021007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	131	435	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	131	435	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	13.1	43.5	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	131	435	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	131	435	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	13.1	43.5	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	131	435	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	131	435	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	131	435	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	174	435	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	131	435	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	131	435	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	131	435	ug/kg	0.0332	1					
Acenaphthene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Acenaphthylene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Acetophenone	U	ND	131	435	ug/kg	0.0332	1					
Anthracene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Atrazine	U	ND	174	435	ug/kg	0.0332	1					
Benzaldehyde	U	ND	131	435	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	13.1	43.5	ug/kg	0.0332	1					
Carbazole	U	ND	13.1	43.5	ug/kg	0.0332	1					
Chrysene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	13.1	43.5	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	13.1	43.5	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Dibenzofuran	U	ND	131	435	ug/kg	0.0332	1					
Diethylphthalate	U	ND	13.1	43.5	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	13.1	43.5	ug/kg	0.0332	1					
Diphenylamine	U	ND	131	435	ug/kg	0.0332	1					
Fluoranthene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Fluorene	U	ND	13.1	43.5	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0-DP
Sample ID: 770021007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	131	435	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	131	435	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	131	435	ug/kg	0.0332	1					
Hexachloroethane	U	ND	131	435	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Isophorone	U	ND	131	435	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	131	435	ug/kg	0.0332	1					
Naphthalene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Nitrobenzene	U	ND	131	435	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	131	435	ug/kg	0.0332	1					
Phenanthrene	U	ND	13.1	43.5	ug/kg	0.0332	1					
Phenol	U	ND	131	435	ug/kg	0.0332	1					
Pyrene	U	ND	13.1	43.5	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	131	435	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	131	435	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	131	435	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	13.1	43.5	ug/kg	0.0332	1					
m,p-Cresols	U	ND	131	435	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	131	435	ug/kg	0.0332	1					
o-Cresol	U	ND	131	435	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	144	435	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	131	435	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.837	2.09	mg/kg	31.9	5	BR2	04/09/26	1203	2971622	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.375	1.13	ug/kg	0.859	1	PXY1	04/06/26	1523	2972979	5
1,1,2,2-Tetrachloroethane	U	ND	0.375	1.13	ug/kg	0.859	1					
1,1,2-Trichloroethane	U	ND	0.375	1.13	ug/kg	0.859	1					
1,1-Dichloroethane	U	ND	0.375	1.13	ug/kg	0.859	1					
1,1-Dichloroethylene	U	ND	0.375	1.13	ug/kg	0.859	1					
1,2,3-Trichlorobenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
1,2,4-Trichlorobenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
1,2-Dibromo-3-chloropropane	U	ND	0.563	1.13	ug/kg	0.859	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0-DP
Sample ID: 770021007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.375	1.13	ug/kg	0.859	1					
1,2-Dichlorobenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
1,2-Dichloroethane	U	ND	0.375	1.13	ug/kg	0.859	1					
1,2-Dichloropropane	U	ND	0.375	1.13	ug/kg	0.859	1					
1,3-Dichlorobenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
1,4-Dichlorobenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
1,4-Dioxane	U	ND	18.8	56.3	ug/kg	0.859	1					
2-Butanone		17.1	1.88	5.63	ug/kg	0.859	1					
2-Hexanone	U	ND	1.88	5.63	ug/kg	0.859	1					
4-Methyl-2-pentanone	U	ND	1.88	5.63	ug/kg	0.859	1					
Acetone		124	1.88	5.63	ug/kg	0.859	1					
Benzene	U	ND	0.375	1.13	ug/kg	0.859	1					
Bromochloromethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Bromodichloromethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Bromoform	U	ND	0.375	1.13	ug/kg	0.859	1					
Bromomethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Carbon disulfide	U	ND	1.88	5.63	ug/kg	0.859	1					
Carbon tetrachloride	U	ND	0.375	1.13	ug/kg	0.859	1					
Chlorobenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
Chloroethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Chloroform	U	ND	0.375	1.13	ug/kg	0.859	1					
Chloromethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Cyclohexane	J	0.631	0.375	1.13	ug/kg	0.859	1					
Dibromochloromethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Dichlorodifluoromethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Ethylbenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
Isopropylbenzene	U	ND	0.375	1.13	ug/kg	0.859	1					
Methyl acetate	U	ND	1.88	5.63	ug/kg	0.859	1					
Methylcyclohexane	U	ND	0.375	1.13	ug/kg	0.859	1					
Methylene chloride	U	ND	1.88	5.63	ug/kg	0.859	1					
Styrene	U	ND	0.375	1.13	ug/kg	0.859	1					
Tetrachloroethylene	U	ND	0.375	1.13	ug/kg	0.859	1					
Toluene	U	ND	0.375	1.13	ug/kg	0.859	1					
Trichloroethylene	U	ND	0.375	1.13	ug/kg	0.859	1					
Trichlorofluoromethane	U	ND	0.375	1.13	ug/kg	0.859	1					
Trichlorotrifluoroethane	U	ND	1.88	5.63	ug/kg	0.859	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-47-3.0-DP
Sample ID: 770021007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.375	1.13	ug/kg	0.859	1					
cis-1,2-Dichloroethylene	U	ND	0.375	1.13	ug/kg	0.859	1					
cis-1,3-Dichloropropylene	U	ND	0.375	1.13	ug/kg	0.859	1					
m,p-Xylenes	U	ND	0.752	2.25	ug/kg	0.859	1					
o-Xylene	U	ND	0.375	1.13	ug/kg	0.859	1					
tert-Butyl methyl ether	U	ND	0.375	1.13	ug/kg	0.859	1					
trans-1,2-Dichloroethylene	U	ND	0.375	1.13	ug/kg	0.859	1					
trans-1,3-Dichloropropylene	U	ND	0.375	1.13	ug/kg	0.859	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	PXY1	03/25/26	1507	2972978
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	766 ug/kg	2180	35	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	786 ug/kg	2180	36	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	921 ug/kg	2180	42	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1940 ug/kg	4350	44	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1630 ug/kg	4350	38	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1700 ug/kg	4350	39	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	63.3 ug/kg	50.0	112	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	68.5 ug/kg	50.0	122	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	54.2 ug/kg	50.0	96	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-47-3.0-DP	Project:	RVDE00226C
Sample ID:	770021007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-46-1.0	Project:	RVDE00226C
Sample ID:	770021008	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	25-MAR-26 16:15		
Receive Date:	26-MAR-26		
Collector:	Client		
Moisture:	9.6%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		31.9	7.64	22.8	ug/kg	103	1	PB1	04/02/26	1049	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3320000	63500	187000	ug/kg	84.5	10	EM2	03/30/26	1258	2968512	2
Antimony	U	ND	3080	18700	ug/kg	84.5	10					
Arsenic	J	7220	4670	28000	ug/kg	84.5	10					
Barium		36100	934	4670	ug/kg	84.5	10					
Beryllium	U	ND	934	4670	ug/kg	84.5	10					
Cadmium	J	3910	934	4670	ug/kg	84.5	10					
Calcium		12700000	74700	234000	ug/kg	84.5	10					
Chromium		136000	1400	9340	ug/kg	84.5	10					
Cobalt		9940	1400	4670	ug/kg	84.5	10					
Copper		73300	2800	18700	ug/kg	84.5	10					
Iron		384000000	74700	234000	ug/kg	84.5	10					
Lead	J	14000	3080	18700	ug/kg	84.5	10					
Magnesium		6930000	79400	280000	ug/kg	84.5	10					
Manganese		1470000	1870	9340	ug/kg	84.5	10					
Nickel		35400	1400	4670	ug/kg	84.5	10					
Potassium	J	88800	59800	234000	ug/kg	84.5	10					
Selenium	U	ND	4670	28000	ug/kg	84.5	10					
Silver	U	ND	934	4670	ug/kg	84.5	10					
Sodium	J	91000	65400	234000	ug/kg	84.5	10					
Thallium	U	ND	4670	18700	ug/kg	84.5	10					
Vanadium		46400	934	4670	ug/kg	84.5	10					
Zinc		73100	3740	18700	ug/kg	84.5	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	110	366	ug/kg	0.0331	1	LL2	04/06/26	1814	2972177	3
1,2,4,5-Tetrachlorobenzene	U	ND	110	366	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	110	366	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	110	366	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	110	366	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	110	366	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	110	366	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	110	732	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-46-1.0 Project: RVDE00226C
Sample ID: 770021008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	110	366	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	110	366	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.0	36.6	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	110	366	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	110	366	ug/kg	0.0331	1					
2-Methylnaphthalene	J	13.5	11.0	36.6	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	110	366	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	110	366	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	110	366	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	146	366	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	110	366	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	110	366	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	110	366	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.0	36.6	ug/kg	0.0331	1					
Acenaphthylene	U	ND	11.0	36.6	ug/kg	0.0331	1					
Acetophenone	U	ND	110	366	ug/kg	0.0331	1					
Anthracene	U	ND	11.0	36.6	ug/kg	0.0331	1					
Atrazine	U	ND	146	366	ug/kg	0.0331	1					
Benzaldehyde	U	ND	110	366	ug/kg	0.0331	1					
Benzo(a)anthracene	J	25.6	11.0	36.6	ug/kg	0.0331	1					
Benzo(a)pyrene	J	27.1	11.0	36.6	ug/kg	0.0331	1					
Benzo(b)fluoranthene		46.5	11.0	36.6	ug/kg	0.0331	1					
Benzo(ghi)perylene		52.0	11.0	36.6	ug/kg	0.0331	1					
Benzo(k)fluoranthene	J	11.0	11.0	36.6	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.0	36.6	ug/kg	0.0331	1					
Carbazole	U	ND	11.0	36.6	ug/kg	0.0331	1					
Chrysene	J	30.7	11.0	36.6	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.0	36.6	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.0	36.6	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	11.0	36.6	ug/kg	0.0331	1					
Dibenzofuran	U	ND	110	366	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.0	36.6	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.0	36.6	ug/kg	0.0331	1					
Diphenylamine	U	ND	110	366	ug/kg	0.0331	1					
Fluoranthene		52.7	11.0	36.6	ug/kg	0.0331	1					
Fluorene	J	18.7	11.0	36.6	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-46-1.0 Project: RVDE00226C
Sample ID: 770021008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	110	366	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	110	366	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	110	366	ug/kg	0.0331	1					
Hexachloroethane	U	ND	110	366	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	21.2	11.0	36.6	ug/kg	0.0331	1					
Isophorone	U	ND	110	366	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	110	366	ug/kg	0.0331	1					
Naphthalene	J	11.3	11.0	36.6	ug/kg	0.0331	1					
Nitrobenzene	U	ND	110	366	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	110	366	ug/kg	0.0331	1					
Phenanthrene		40.3	11.0	36.6	ug/kg	0.0331	1					
Phenol	U	ND	110	366	ug/kg	0.0331	1					
Pyrene		129	11.0	36.6	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	110	366	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	110	366	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	110	366	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	J	20.5	11.0	36.6	ug/kg	0.0331	1					
m,p-Cresols	U	ND	110	366	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	110	366	ug/kg	0.0331	1					
o-Cresol	U	ND	110	366	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	121	366	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	110	366	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.138	0.345	mg/kg	31.2	1	BR2	04/09/26	1203	2971622	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3541	Prep Method 3541 8270E BNA for Soil	DC2	04/02/26	0859	2970798
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-46-1.0	Project:	RVDE00226C
Sample ID:	770021008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1300 ug/kg	1830	71	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1190 ug/kg	1830	65	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1580 ug/kg	1830	86	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2960 ug/kg	3660	81	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2830 ug/kg	3660	77	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2920 ug/kg	3660	80	(20%-99%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-46-3.0	Project:	RVDE00226C
Sample ID:	770021009	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	25-MAR-26 16:25		
Receive Date:	26-MAR-26		
Collector:	Client		
Moisture:	7.56%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		47.1	7.99	23.9	ug/kg	110	1	PB1	04/02/26	1051	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3050000	141000	414000	ug/kg	95.8	20	EM2	03/30/26	1436	2968512	2
Antimony	U	ND	6840	41400	ug/kg	95.8	20					
Arsenic	U	ND	10400	62200	ug/kg	95.8	20					
Barium		17100	2070	10400	ug/kg	95.8	20					
Beryllium	U	ND	2070	10400	ug/kg	95.8	20					
Cadmium	J	2470	2070	10400	ug/kg	95.8	20					
Calcium		2000000	166000	518000	ug/kg	95.8	20					
Chromium		124000	3110	20700	ug/kg	95.8	20					
Cobalt		12800	3110	10400	ug/kg	95.8	20					
Copper		219000	6220	41400	ug/kg	95.8	20					
Iron		499000000	166000	518000	ug/kg	95.8	20					
Lead	J	9570	6840	41400	ug/kg	95.8	20					
Magnesium		964000	176000	622000	ug/kg	95.8	20					
Manganese		1730000	4140	20700	ug/kg	95.8	20					
Nickel		89100	3110	10400	ug/kg	95.8	20					
Potassium	J	365000	133000	518000	ug/kg	95.8	20					
Selenium	J	24900	10400	62200	ug/kg	95.8	20					
Silver	U	ND	2070	10400	ug/kg	95.8	20					
Sodium	U	ND	145000	518000	ug/kg	95.8	20					
Thallium	U	ND	10400	41400	ug/kg	95.8	20					
Vanadium		31500	2070	10400	ug/kg	95.8	20					
Zinc		51300	8290	41400	ug/kg	95.8	20					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	359	ug/kg	0.0332	1	BM1	04/06/26	1856	2971449	3
1,2,4,5-Tetrachlorobenzene	U	ND	108	359	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	359	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	108	359	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	108	359	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	108	359	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	108	359	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	108	717	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-46-3.0 Project: RVDE00226C
Sample ID: 770021009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	359	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	108	359	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	10.8	35.9	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	108	359	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	359	ug/kg	0.0332	1					
2-Methylnaphthalene	J	17.9	10.8	35.9	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	108	359	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	108	359	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	108	359	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	143	359	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	108	359	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	108	359	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	108	359	ug/kg	0.0332	1					
Acenaphthene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Acenaphthylene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Acetophenone	U	ND	108	359	ug/kg	0.0332	1					
Anthracene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Atrazine	U	ND	143	359	ug/kg	0.0332	1					
Benzaldehyde	U	ND	108	359	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Benzo(b)fluoranthene	J	13.3	10.8	35.9	ug/kg	0.0332	1					
Benzo(ghi)perylene	J	24.4	10.8	35.9	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	10.8	35.9	ug/kg	0.0332	1					
Carbazole	U	ND	10.8	35.9	ug/kg	0.0332	1					
Chrysene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Di-n-butylphthalate	BJ	31.9	10.8	35.9	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	10.8	35.9	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Dibenzofuran	U	ND	108	359	ug/kg	0.0332	1					
Diethylphthalate	U	ND	10.8	35.9	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	10.8	35.9	ug/kg	0.0332	1					
Diphenylamine	U	ND	108	359	ug/kg	0.0332	1					
Fluoranthene	J	20.1	10.8	35.9	ug/kg	0.0332	1					
Fluorene	J	17.6	10.8	35.9	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-46-3.0 Project: RVDE00226C
Sample ID: 770021009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	359	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	108	359	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	108	359	ug/kg	0.0332	1					
Hexachloroethane	U	ND	108	359	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.8	35.9	ug/kg	0.0332	1					
Isophorone	U	ND	108	359	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	108	359	ug/kg	0.0332	1					
Naphthalene	J	14.7	10.8	35.9	ug/kg	0.0332	1					
Nitrobenzene	U	ND	108	359	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	108	359	ug/kg	0.0332	1					
Phenanthrene	J	25.5	10.8	35.9	ug/kg	0.0332	1					
Phenol	U	ND	108	359	ug/kg	0.0332	1					
Pyrene		67.1	10.8	35.9	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	359	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	108	359	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	108	359	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	BJ	18.7	10.8	35.9	ug/kg	0.0332	1					
m,p-Cresols	U	ND	108	359	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	108	359	ug/kg	0.0332	1					
o-Cresol	U	ND	108	359	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	118	359	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	108	359	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.0958	0.239	mg/kg	22.1	1	BR2	04/09/26	1203	2971622	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.194	0.583	ug/kg	0.539	1	PXY1	04/06/26	1549	2972979	5
1,1,2,2-Tetrachloroethane	U	ND	0.194	0.583	ug/kg	0.539	1					
1,1,2-Trichloroethane	U	ND	0.194	0.583	ug/kg	0.539	1					
1,1-Dichloroethane	U	ND	0.194	0.583	ug/kg	0.539	1					
1,1-Dichloroethylene	U	ND	0.194	0.583	ug/kg	0.539	1					
1,2,3-Trichlorobenzene	U	ND	0.194	0.583	ug/kg	0.539	1					
1,2,4-Trichlorobenzene	U	ND	0.194	0.583	ug/kg	0.539	1					
1,2-Dibromo-3-chloropropane	U	ND	0.292	0.583	ug/kg	0.539	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-46-3.0 Project: RVDE00226C
Sample ID: 770021009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.194	0.583	ug/kg	0.539	1					
1,2-Dichlorobenzene	U	ND	0.194	0.583	ug/kg	0.539	1					
1,2-Dichloroethane	U	ND	0.194	0.583	ug/kg	0.539	1					
1,2-Dichloropropane	U	ND	0.194	0.583	ug/kg	0.539	1					
1,3-Dichlorobenzene	U	ND	0.194	0.583	ug/kg	0.539	1					
1,4-Dichlorobenzene	U	ND	0.194	0.583	ug/kg	0.539	1					
1,4-Dioxane	U	ND	9.72	29.2	ug/kg	0.539	1					
2-Butanone	U	ND	0.973	2.92	ug/kg	0.539	1					
2-Hexanone	U	ND	0.973	2.92	ug/kg	0.539	1					
4-Methyl-2-pentanone		6.70	0.973	2.92	ug/kg	0.539	1					
Acetone		11.1	0.973	2.92	ug/kg	0.539	1					
Benzene		10.7	0.194	0.583	ug/kg	0.539	1					
Bromochloromethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Bromodichloromethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Bromoform	U	ND	0.194	0.583	ug/kg	0.539	1					
Bromomethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Carbon disulfide	J	1.02	0.973	2.92	ug/kg	0.539	1					
Carbon tetrachloride	U	ND	0.194	0.583	ug/kg	0.539	1					
Chlorobenzene	U	ND	0.194	0.583	ug/kg	0.539	1					
Chloroethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Chloroform	U	ND	0.194	0.583	ug/kg	0.539	1					
Chloromethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Cyclohexane	U	ND	0.194	0.583	ug/kg	0.539	1					
Dibromochloromethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Dichlorodifluoromethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Ethylbenzene		4.14	0.194	0.583	ug/kg	0.539	1					
Isopropylbenzene		0.583	0.194	0.583	ug/kg	0.539	1					
Methyl acetate	U	ND	0.973	2.92	ug/kg	0.539	1					
Methylcyclohexane	U	ND	0.194	0.583	ug/kg	0.539	1					
Methylene chloride	U	ND	0.973	2.92	ug/kg	0.539	1					
Styrene	U	ND	0.194	0.583	ug/kg	0.539	1					
Tetrachloroethylene	U	ND	0.194	0.583	ug/kg	0.539	1					
Toluene		13.2	0.194	0.583	ug/kg	0.539	1					
Trichloroethylene	U	ND	0.194	0.583	ug/kg	0.539	1					
Trichlorofluoromethane	U	ND	0.194	0.583	ug/kg	0.539	1					
Trichlorotrifluoroethane	U	ND	0.973	2.92	ug/kg	0.539	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-46-3.0 Project: RVDE00226C
Sample ID: 770021009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.194	0.583	ug/kg	0.539	1					
cis-1,2-Dichloroethylene	U	ND	0.194	0.583	ug/kg	0.539	1					
cis-1,3-Dichloropropylene	U	ND	0.194	0.583	ug/kg	0.539	1					
m,p-Xylenes		3.27	0.389	1.17	ug/kg	0.539	1					
o-Xylene		1.97	0.194	0.583	ug/kg	0.539	1					
tert-Butyl methyl ether	U	ND	0.194	0.583	ug/kg	0.539	1					
trans-1,2-Dichloroethylene	U	ND	0.194	0.583	ug/kg	0.539	1					
trans-1,3-Dichloropropylene	U	ND	0.194	0.583	ug/kg	0.539	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 5035	5035 Prep	PXY1	03/25/26	1625	2972978

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	690 ug/kg	1790	38	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	854 ug/kg	1790	48	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	985 ug/kg	1790	55	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1640 ug/kg	3590	46	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1590 ug/kg	3590	44	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1610 ug/kg	3590	45	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	31.5 ug/kg	50.0	108	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	35.1 ug/kg	50.0	120	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	28.8 ug/kg	50.0	99	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-46-3.0	Project:	RVDE00226C
Sample ID:	770021009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-48-1.0	Project:	RVDE00226C
Sample ID:	770021010	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	25-MAR-26 17:00		
Receive Date:	26-MAR-26		
Collector:	Client		
Moisture:	25.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		84.0	9.67	28.9	ug/kg	107	1	PB1	04/02/26	1052	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		13800000	82600	243000	ug/kg	90.1	10	EM2	03/30/26	1303	2968512	2
Antimony	U	ND	4010	24300	ug/kg	90.1	10					
Arsenic	J	7260	6070	36400	ug/kg	90.1	10					
Barium		99600	1210	6070	ug/kg	90.1	10					
Beryllium	U	ND	1210	6070	ug/kg	90.1	10					
Cadmium	J	1340	1210	6070	ug/kg	90.1	10					
Calcium		41600000	97100	304000	ug/kg	90.1	10					
Chromium		216000	1820	12100	ug/kg	90.1	10					
Cobalt		6700	1820	6070	ug/kg	90.1	10					
Copper		43200	3640	24300	ug/kg	90.1	10					
Iron		153000000	97100	304000	ug/kg	90.1	10					
Lead		36200	4010	24300	ug/kg	90.1	10					
Magnesium		7710000	103000	364000	ug/kg	90.1	10					
Manganese		2430000	2430	12100	ug/kg	90.1	10					
Nickel		15700	1820	6070	ug/kg	90.1	10					
Potassium		664000	77700	304000	ug/kg	90.1	10					
Selenium	J	9320	6070	36400	ug/kg	90.1	10					
Silver	U	ND	1210	6070	ug/kg	90.1	10					
Sodium	J	175000	85000	304000	ug/kg	90.1	10					
Thallium	U	ND	6070	24300	ug/kg	90.1	10					
Vanadium		82000	1210	6070	ug/kg	90.1	10					
Zinc		182000	4860	24300	ug/kg	90.1	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	134	446	ug/kg	0.0331	1	LL2	04/06/26	1837	2972177	3
1,2,4,5-Tetrachlorobenzene	U	ND	134	446	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	134	446	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	134	446	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	134	446	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	134	446	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	134	446	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	134	892	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-48-1.0 Project: RVDE00226C
Sample ID: 770021010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	134	446	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	134	446	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	13.4	44.6	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	134	446	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	134	446	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	13.4	44.6	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	134	446	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	134	446	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	134	446	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	178	446	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	134	446	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	134	446	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	134	446	ug/kg	0.0331	1					
Acenaphthene	U	ND	13.4	44.6	ug/kg	0.0331	1					
Acenaphthylene	U	ND	13.4	44.6	ug/kg	0.0331	1					
Acetophenone	U	ND	134	446	ug/kg	0.0331	1					
Anthracene	U	ND	13.4	44.6	ug/kg	0.0331	1					
Atrazine	U	ND	178	446	ug/kg	0.0331	1					
Benzaldehyde	U	ND	134	446	ug/kg	0.0331	1					
Benzo(a)anthracene	J	29.9	13.4	44.6	ug/kg	0.0331	1					
Benzo(a)pyrene	J	29.9	13.4	44.6	ug/kg	0.0331	1					
Benzo(b)fluoranthene		49.5	13.4	44.6	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	30.3	13.4	44.6	ug/kg	0.0331	1					
Benzo(k)fluoranthene	J	14.3	13.4	44.6	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	13.4	44.6	ug/kg	0.0331	1					
Carbazole	U	ND	13.4	44.6	ug/kg	0.0331	1					
Chrysene	J	33.0	13.4	44.6	ug/kg	0.0331	1					
Di-n-butylphthalate	J	30.3	13.4	44.6	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	13.4	44.6	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	13.4	44.6	ug/kg	0.0331	1					
Dibenzofuran	U	ND	134	446	ug/kg	0.0331	1					
Diethylphthalate	U	ND	13.4	44.6	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	13.4	44.6	ug/kg	0.0331	1					
Diphenylamine	U	ND	134	446	ug/kg	0.0331	1					
Fluoranthene		45.5	13.4	44.6	ug/kg	0.0331	1					
Fluorene	U	ND	13.4	44.6	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-48-1.0 Project: RVDE00226C
Sample ID: 770021010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	134	446	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	134	446	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	134	446	ug/kg	0.0331	1					
Hexachloroethane	U	ND	134	446	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	28.1	13.4	44.6	ug/kg	0.0331	1					
Isophorone	U	ND	134	446	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	134	446	ug/kg	0.0331	1					
Naphthalene	U	ND	13.4	44.6	ug/kg	0.0331	1					
Nitrobenzene	U	ND	134	446	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	134	446	ug/kg	0.0331	1					
Phenanthrene	J	26.3	13.4	44.6	ug/kg	0.0331	1					
Phenol	U	ND	134	446	ug/kg	0.0331	1					
Pyrene	J	40.2	13.4	44.6	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	134	446	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	134	446	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	134	446	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		52.7	13.4	44.6	ug/kg	0.0331	1					
m,p-Cresols	U	ND	134	446	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	134	446	ug/kg	0.0331	1					
o-Cresol	U	ND	134	446	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	147	446	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	134	446	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.291	0.172	0.431	mg/kg	32.0	1	BR2	04/09/26	1203	2971622	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3541	Prep Method 3541 8270E BNA for Soil	DC2	04/02/26	0859	2970798
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/06/26	0654	2972172

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-48-1.0	Project:	RVDE00226C
Sample ID:	770021010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1460 ug/kg	2230	65	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1540 ug/kg	2230	69	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1930 ug/kg	2230	86	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3810 ug/kg	4460	85	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3580 ug/kg	4460	80	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3710 ug/kg	4460	83	(20%-99%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-48-3.0	Project:	RVDE00226C
Sample ID:	770021011	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	25-MAR-26 17:10		
Receive Date:	26-MAR-26		
Collector:	Client		
Moisture:	45.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		276	13.0	38.7	ug/kg	105	1	PB1	04/02/26	1057	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		23300000	11500	33900	ug/kg	91.7	1	EM2	03/30/26	1305	2968512	2
Antimony		6460	559	3390	ug/kg	91.7	1					
Arsenic		13800	847	5080	ug/kg	91.7	1					
Barium		82000	169	847	ug/kg	91.7	1					
Beryllium	J	338	169	847	ug/kg	91.7	1					
Cadmium	J	197	169	847	ug/kg	91.7	1					
Calcium		3890000	13500	42300	ug/kg	91.7	1					
Chromium		57600	254	1690	ug/kg	91.7	1					
Cobalt		1760	254	847	ug/kg	91.7	1					
Copper		58800	508	3390	ug/kg	91.7	1					
Iron		11200000	13500	42300	ug/kg	91.7	1					
Lead		69400	559	3390	ug/kg	91.7	1					
Magnesium		1560000	14400	50800	ug/kg	91.7	1					
Manganese		71700	339	1690	ug/kg	91.7	1					
Nickel		5350	254	847	ug/kg	91.7	1					
Potassium		942000	10800	42300	ug/kg	91.7	1					
Selenium		7520	847	5080	ug/kg	91.7	1					
Silver	J	360	169	847	ug/kg	91.7	1					
Sodium		256000	11900	42300	ug/kg	91.7	1					
Thallium	U	ND	847	3390	ug/kg	91.7	1					
Vanadium		63800	169	847	ug/kg	91.7	1					
Zinc		22400	677	3390	ug/kg	91.7	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	182	606	ug/kg	0.0328	1	BM1	04/06/26	1918	2971449	3
1,2,4,5-Tetrachlorobenzene	U	ND	182	606	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	182	606	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	182	606	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	182	606	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	182	606	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	182	606	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	182	1210	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-48-3.0 Project: RVDE00226C
Sample ID: 770021011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	182	606	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	182	606	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	18.2	60.6	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	182	606	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	182	606	ug/kg	0.0328	1					
2-Methylnaphthalene	U	ND	18.2	60.6	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	182	606	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	182	606	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	182	606	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	242	606	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	182	606	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	182	606	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	182	606	ug/kg	0.0328	1					
Acenaphthene	U	ND	18.2	60.6	ug/kg	0.0328	1					
Acenaphthylene	U	ND	18.2	60.6	ug/kg	0.0328	1					
Acetophenone	U	ND	182	606	ug/kg	0.0328	1					
Anthracene	U	ND	18.2	60.6	ug/kg	0.0328	1					
Atrazine	U	ND	242	606	ug/kg	0.0328	1					
Benzaldehyde	U	ND	182	606	ug/kg	0.0328	1					
Benzo(a)anthracene	J	29.1	18.2	60.6	ug/kg	0.0328	1					
Benzo(a)pyrene	J	28.5	18.2	60.6	ug/kg	0.0328	1					
Benzo(b)fluoranthene	J	42.4	18.2	60.6	ug/kg	0.0328	1					
Benzo(ghi)perylene	J	25.4	18.2	60.6	ug/kg	0.0328	1					
Benzo(k)fluoranthene	U	ND	18.2	60.6	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	18.2	60.6	ug/kg	0.0328	1					
Carbazole	U	ND	18.2	60.6	ug/kg	0.0328	1					
Chrysene	J	34.5	18.2	60.6	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	18.2	60.6	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	18.2	60.6	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	18.2	60.6	ug/kg	0.0328	1					
Dibenzofuran	U	ND	182	606	ug/kg	0.0328	1					
Diethylphthalate	J	26.7	18.2	60.6	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	18.2	60.6	ug/kg	0.0328	1					
Diphenylamine	U	ND	182	606	ug/kg	0.0328	1					
Fluoranthene		62.4	18.2	60.6	ug/kg	0.0328	1					
Fluorene	U	ND	18.2	60.6	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-48-3.0 Project: RVDE00226C
Sample ID: 770021011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	182	606	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	182	606	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	182	606	ug/kg	0.0328	1					
Hexachloroethane	U	ND	182	606	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene	J	26.7	18.2	60.6	ug/kg	0.0328	1					
Isophorone	U	ND	182	606	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	182	606	ug/kg	0.0328	1					
Naphthalene	U	ND	18.2	60.6	ug/kg	0.0328	1					
Nitrobenzene	U	ND	182	606	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	182	606	ug/kg	0.0328	1					
Phenanthrene	J	33.3	18.2	60.6	ug/kg	0.0328	1					
Phenol	U	ND	182	606	ug/kg	0.0328	1					
Pyrene	J	53.9	18.2	60.6	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	182	606	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	182	606	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	182	606	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	U	ND	18.2	60.6	ug/kg	0.0328	1					
m,p-Cresols	U	ND	182	606	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	182	606	ug/kg	0.0328	1					
o-Cresol	U	ND	182	606	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	200	606	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	182	606	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.457	0.181	0.453	mg/kg	24.5	1	BR2	04/09/26	1203	2971622	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	67.1	202	ug/kg	2.18	50	PXY1	04/06/26	1404	2972979	5
1,1,2,2-Tetrachloroethane	U	ND	67.1	202	ug/kg	2.18	50					
1,1,2-Trichloroethane	U	ND	67.1	202	ug/kg	2.18	50					
1,1-Dichloroethane	U	ND	67.1	202	ug/kg	2.18	50					
1,1-Dichloroethylene	U	ND	67.1	202	ug/kg	2.18	50					
1,2,3-Trichlorobenzene	U	ND	67.1	202	ug/kg	2.18	50					
1,2,4-Trichlorobenzene	U	ND	67.1	202	ug/kg	2.18	50					
1,2-Dibromo-3-chloropropane	U	ND	101	202	ug/kg	2.18	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-48-3.0 Project: RVDE00226C
Sample ID: 770021011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	67.1	202	ug/kg	2.18	50					
1,2-Dichlorobenzene	U	ND	67.1	202	ug/kg	2.18	50					
1,2-Dichloroethane	U	ND	67.1	202	ug/kg	2.18	50					
1,2-Dichloropropane	U	ND	67.1	202	ug/kg	2.18	50					
1,3-Dichlorobenzene	U	ND	67.1	202	ug/kg	2.18	50					
1,4-Dichlorobenzene	U	ND	67.1	202	ug/kg	2.18	50					
1,4-Dioxane	U	ND	3360	10100	ug/kg	2.18	50					
2-Butanone	U	ND	336	1010	ug/kg	2.18	50					
2-Hexanone	U	ND	336	1010	ug/kg	2.18	50					
4-Methyl-2-pentanone	U	ND	336	1010	ug/kg	2.18	50					
Acetone	U	ND	336	1010	ug/kg	2.18	50					
Benzene	U	ND	67.1	202	ug/kg	2.18	50					
Bromochloromethane	U	ND	67.1	202	ug/kg	2.18	50					
Bromodichloromethane	U	ND	67.1	202	ug/kg	2.18	50					
Bromoform	U	ND	67.1	202	ug/kg	2.18	50					
Bromomethane	U	ND	67.1	202	ug/kg	2.18	50					
Carbon disulfide	U	ND	336	1010	ug/kg	2.18	50					
Carbon tetrachloride	U	ND	67.1	202	ug/kg	2.18	50					
Chlorobenzene	U	ND	67.1	202	ug/kg	2.18	50					
Chloroethane	U	ND	67.1	202	ug/kg	2.18	50					
Chloroform	U	ND	67.1	202	ug/kg	2.18	50					
Chloromethane	U	ND	67.1	202	ug/kg	2.18	50					
Cyclohexane	U	ND	67.1	202	ug/kg	2.18	50					
Dibromochloromethane	U	ND	67.1	202	ug/kg	2.18	50					
Dichlorodifluoromethane	U	ND	67.1	202	ug/kg	2.18	50					
Ethylbenzene	U	ND	67.1	202	ug/kg	2.18	50					
Isopropylbenzene	U	ND	67.1	202	ug/kg	2.18	50					
Methyl acetate	U	ND	336	1010	ug/kg	2.18	50					
Methylcyclohexane	U	ND	67.1	202	ug/kg	2.18	50					
Methylene chloride	U	ND	336	1010	ug/kg	2.18	50					
Styrene	U	ND	67.1	202	ug/kg	2.18	50					
Tetrachloroethylene	U	ND	67.1	202	ug/kg	2.18	50					
Toluene	U	ND	67.1	202	ug/kg	2.18	50					
Trichloroethylene	U	ND	67.1	202	ug/kg	2.18	50					
Trichlorofluoromethane	U	ND	67.1	202	ug/kg	2.18	50					
Trichlorotrifluoroethane	U	ND	336	1010	ug/kg	2.18	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-48-3.0 Project: RVDE00226C
Sample ID: 770021011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	67.1	202	ug/kg	2.18	50					
cis-1,2-Dichloroethylene	U	ND	67.1	202	ug/kg	2.18	50					
cis-1,3-Dichloropropylene	U	ND	67.1	202	ug/kg	2.18	50					
m,p-Xylenes	U	ND	134	403	ug/kg	2.18	50					
o-Xylene	U	ND	67.1	202	ug/kg	2.18	50					
tert-Butyl methyl ether	U	ND	67.1	202	ug/kg	2.18	50					
trans-1,2-Dichloroethylene	U	ND	67.1	202	ug/kg	2.18	50					
trans-1,3-Dichloropropylene	U	ND	67.1	202	ug/kg	2.18	50					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 5035	5035 Prep	PXY1	03/25/26	1710	2972978
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	782 ug/kg	3030	26	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	840 ug/kg	3030	28	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1070 ug/kg	3030	35	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2220 ug/kg	6060	37	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1820 ug/kg	6060	30	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1820 ug/kg	6060	30	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	9940 ug/kg	50.0	99	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	9880 ug/kg	50.0	98	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	9600 ug/kg	50.0	95	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-48-3.0	Project:	RVDE00226C
Sample ID:	770021011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-29-2.0	Project:	RVDE00226C
Sample ID:	770021012	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	26-MAR-26 08:55		
Receive Date:	26-MAR-26		
Collector:	Client		
Moisture:	9.96%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		35.4	7.83	23.4	ug/kg	105	1	PB1	04/02/26	1059	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		12800000	72100	212000	ug/kg	95.4	10	EM2	03/30/26	1441	2968512	2
Antimony	J	6860	3500	21200	ug/kg	95.4	10					
Arsenic	U	ND	5300	31800	ug/kg	95.4	10					
Barium		315000	1060	5300	ug/kg	95.4	10					
Beryllium	J	1100	1060	5300	ug/kg	95.4	10					
Cadmium		8760	1060	5300	ug/kg	95.4	10					
Calcium		124000000	84800	265000	ug/kg	95.4	10					
Chromium		461000	1590	10600	ug/kg	95.4	10					
Cobalt		5920	1590	5300	ug/kg	95.4	10					
Copper		141000	3180	21200	ug/kg	95.4	10					
Iron		100000000	84800	265000	ug/kg	95.4	10					
Lead		420000	3500	21200	ug/kg	95.4	10					
Magnesium		20700000	90100	318000	ug/kg	95.4	10					
Manganese		9020000	2120	10600	ug/kg	95.4	10					
Nickel		42600	1590	5300	ug/kg	95.4	10					
Potassium		344000	67800	265000	ug/kg	95.4	10					
Selenium	J	10300	5300	31800	ug/kg	95.4	10					
Silver	J	2170	1060	5300	ug/kg	95.4	10					
Sodium		470000	74200	265000	ug/kg	95.4	10					
Thallium	U	ND	5300	21200	ug/kg	95.4	10					
Vanadium		434000	1060	5300	ug/kg	95.4	10					
Zinc		2410000	4240	21200	ug/kg	95.4	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	110	368	ug/kg	0.0331	1	BM1	04/08/26	1452	2973562	3
1,2,4,5-Tetrachlorobenzene	U	ND	110	368	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	110	368	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	110	736	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-29-2.0	Project:	RVDE00226C
Sample ID:	770021012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	110	368	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	110	368	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.0	36.8	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	110	368	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	110	368	ug/kg	0.0331	1					
2-Methylnaphthalene	J	22.5	11.0	36.8	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	110	368	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	110	368	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	110	368	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	147	368	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	110	368	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	110	368	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	110	368	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.0	36.8	ug/kg	0.0331	1					
Acenaphthylene	J	13.6	11.0	36.8	ug/kg	0.0331	1					
Acetophenone	U	ND	110	368	ug/kg	0.0331	1					
Anthracene	J	11.8	11.0	36.8	ug/kg	0.0331	1					
Atrazine	U	ND	147	368	ug/kg	0.0331	1					
Benzaldehyde	U	ND	110	368	ug/kg	0.0331	1					
Benzo(a)anthracene		53.7	11.0	36.8	ug/kg	0.0331	1					
Benzo(a)pyrene		47.5	11.0	36.8	ug/kg	0.0331	1					
Benzo(b)fluoranthene		125	11.0	36.8	ug/kg	0.0331	1					
Benzo(ghi)perylene		56.7	11.0	36.8	ug/kg	0.0331	1					
Benzo(k)fluoranthene	J	35.3	11.0	36.8	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Carbazole	U	ND	11.0	36.8	ug/kg	0.0331	1					
Chrysene		83.6	11.0	36.8	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	12.5	11.0	36.8	ug/kg	0.0331	1					
Dibenzofuran	U	ND	110	368	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
Diphenylamine	U	ND	110	368	ug/kg	0.0331	1					
Fluoranthene		95.7	11.0	36.8	ug/kg	0.0331	1					
Fluorene	U	ND	11.0	36.8	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-29-2.0 Project: RVDE00226C
Sample ID: 770021012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	110	368	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	110	368	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	110	368	ug/kg	0.0331	1					
Hexachloroethane	U	ND	110	368	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		56.0	11.0	36.8	ug/kg	0.0331	1					
Isophorone	U	ND	110	368	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	110	368	ug/kg	0.0331	1					
Naphthalene	J	15.5	11.0	36.8	ug/kg	0.0331	1					
Nitrobenzene	U	ND	110	368	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	110	368	ug/kg	0.0331	1					
Phenanthrene		40.9	11.0	36.8	ug/kg	0.0331	1					
Phenol	U	ND	110	368	ug/kg	0.0331	1					
Pyrene		90.2	11.0	36.8	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	110	368	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	110	368	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	110	368	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.0	36.8	ug/kg	0.0331	1					
m,p-Cresols	U	ND	110	368	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	110	368	ug/kg	0.0331	1					
o-Cresol	U	ND	110	368	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	121	368	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	110	368	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.213	0.108	0.271	mg/kg	24.4	1	BR2	04/09/26	1203	2971622	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/08/26	0854	2973559
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-29-2.0	Project:	RVDE00226C
Sample ID:	770021012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1300 ug/kg	1840	71	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	1840	74	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1460 ug/kg	1840	79	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1550 ug/kg	3680	42	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2730 ug/kg	3680	74	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2850 ug/kg	3680	77	(20%-99%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-29-4.0	Project:	RVDE00226C
Sample ID:	770021013	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	26-MAR-26 09:00		
Receive Date:	26-MAR-26		
Collector:	Client		
Moisture:	10.9%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		47.3	8.09	24.1	ug/kg	108	1	PB1	04/02/26	1101	2969662	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8390000	7080	20800	ug/kg	92.8	1	EM2	03/30/26	1310	2968512	2
Antimony	U	ND	344	2080	ug/kg	92.8	1					
Arsenic		4330	521	3120	ug/kg	92.8	1					
Barium		34500	104	521	ug/kg	92.8	1					
Beryllium	J	151	104	521	ug/kg	92.8	1					
Cadmium		849	104	521	ug/kg	92.8	1					
Calcium		6000000	8330	26000	ug/kg	92.8	1					
Chromium		27200	156	1040	ug/kg	92.8	1					
Cobalt		928	156	521	ug/kg	92.8	1					
Copper		13500	312	2080	ug/kg	92.8	1					
Iron		16300000	8330	26000	ug/kg	92.8	1					
Lead		39500	344	2080	ug/kg	92.8	1					
Magnesium		1230000	8850	31200	ug/kg	92.8	1					
Manganese		519000	208	1040	ug/kg	92.8	1					
Nickel		5700	156	521	ug/kg	92.8	1					
Potassium		340000	6670	26000	ug/kg	92.8	1					
Selenium	J	1800	521	3120	ug/kg	92.8	1					
Silver	U	ND	104	521	ug/kg	92.8	1					
Sodium		101000	7290	26000	ug/kg	92.8	1					
Thallium	U	ND	521	2080	ug/kg	92.8	1					
Vanadium		41300	104	521	ug/kg	92.8	1					
Zinc		183000	417	2080	ug/kg	92.8	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	111	371	ug/kg	0.0331	1	BM1	04/06/26	2003	2971449	3
1,2,4,5-Tetrachlorobenzene	U	ND	111	371	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	111	371	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	111	371	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	111	371	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	111	371	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	111	371	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	111	743	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-29-4.0	Project:	RVDE00226C
Sample ID:	770021013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	111	371	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	111	371	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.1	37.1	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	111	371	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	111	371	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	11.1	37.1	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	111	371	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	111	371	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	111	371	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	149	371	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	111	371	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	111	371	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	111	371	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.1	37.1	ug/kg	0.0331	1					
Acenaphthylene	U	ND	11.1	37.1	ug/kg	0.0331	1					
Acetophenone	U	ND	111	371	ug/kg	0.0331	1					
Anthracene	U	ND	11.1	37.1	ug/kg	0.0331	1					
Atrazine	U	ND	149	371	ug/kg	0.0331	1					
Benzaldehyde	U	ND	111	371	ug/kg	0.0331	1					
Benzo(a)anthracene	J	13.4	11.1	37.1	ug/kg	0.0331	1					
Benzo(a)pyrene	U	ND	11.1	37.1	ug/kg	0.0331	1					
Benzo(b)fluoranthene	J	23.0	11.1	37.1	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	13.7	11.1	37.1	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	11.1	37.1	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.1	37.1	ug/kg	0.0331	1					
Carbazole	U	ND	11.1	37.1	ug/kg	0.0331	1					
Chrysene	J	20.0	11.1	37.1	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.1	37.1	ug/kg	0.0331	1					
Di-n-octylphthalate		39.7	11.1	37.1	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	11.1	37.1	ug/kg	0.0331	1					
Dibenzofuran	U	ND	111	371	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.1	37.1	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.1	37.1	ug/kg	0.0331	1					
Diphenylamine	U	ND	111	371	ug/kg	0.0331	1					
Fluoranthene	J	21.9	11.1	37.1	ug/kg	0.0331	1					
Fluorene	U	ND	11.1	37.1	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-29-4.0 Project: RVDE00226C
Sample ID: 770021013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	111	371	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	111	371	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	111	371	ug/kg	0.0331	1					
Hexachloroethane	U	ND	111	371	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	11.9	11.1	37.1	ug/kg	0.0331	1					
Isophorone	U	ND	111	371	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	111	371	ug/kg	0.0331	1					
Naphthalene	U	ND	11.1	37.1	ug/kg	0.0331	1					
Nitrobenzene	U	ND	111	371	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	111	371	ug/kg	0.0331	1					
Phenanthrene	J	14.1	11.1	37.1	ug/kg	0.0331	1					
Phenol	U	ND	111	371	ug/kg	0.0331	1					
Pyrene	J	18.9	11.1	37.1	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	111	371	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	111	371	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	111	371	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	BJ	12.6	11.1	37.1	ug/kg	0.0331	1					
m,p-Cresols	U	ND	111	371	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	111	371	ug/kg	0.0331	1					
o-Cresol	U	ND	111	371	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	123	371	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	111	371	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.145	0.129	0.322	mg/kg	28.7	1	BR2	04/09/26	1203	2971622	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.320	0.960	ug/kg	0.855	1	PXY1	04/06/26	1616	2972979	5
1,1,2,2-Tetrachloroethane	U	ND	0.320	0.960	ug/kg	0.855	1					
1,1,2-Trichloroethane	U	ND	0.320	0.960	ug/kg	0.855	1					
1,1-Dichloroethane	U	ND	0.320	0.960	ug/kg	0.855	1					
1,1-Dichloroethylene	U	ND	0.320	0.960	ug/kg	0.855	1					
1,2,3-Trichlorobenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
1,2,4-Trichlorobenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
1,2-Dibromo-3-chloropropane	U	ND	0.480	0.960	ug/kg	0.855	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-29-4.0 Project: RVDE00226C
Sample ID: 770021013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.320	0.960	ug/kg	0.855	1					
1,2-Dichlorobenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
1,2-Dichloroethane	U	ND	0.320	0.960	ug/kg	0.855	1					
1,2-Dichloropropane	U	ND	0.320	0.960	ug/kg	0.855	1					
1,3-Dichlorobenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
1,4-Dichlorobenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
1,4-Dioxane	U	ND	16.0	48.0	ug/kg	0.855	1					
2-Butanone	U	ND	1.60	4.80	ug/kg	0.855	1					
2-Hexanone	U	ND	1.60	4.80	ug/kg	0.855	1					
4-Methyl-2-pentanone	U	ND	1.60	4.80	ug/kg	0.855	1					
Acetone		6.56	1.60	4.80	ug/kg	0.855	1					
Benzene	U	ND	0.320	0.960	ug/kg	0.855	1					
Bromochloromethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Bromodichloromethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Bromoform	U	ND	0.320	0.960	ug/kg	0.855	1					
Bromomethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Carbon disulfide	U	ND	1.60	4.80	ug/kg	0.855	1					
Carbon tetrachloride	U	ND	0.320	0.960	ug/kg	0.855	1					
Chlorobenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
Chloroethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Chloroform	U	ND	0.320	0.960	ug/kg	0.855	1					
Chloromethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Cyclohexane	U	ND	0.320	0.960	ug/kg	0.855	1					
Dibromochloromethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Dichlorodifluoromethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Ethylbenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
Isopropylbenzene	U	ND	0.320	0.960	ug/kg	0.855	1					
Methyl acetate	U	ND	1.60	4.80	ug/kg	0.855	1					
Methylcyclohexane	U	ND	0.320	0.960	ug/kg	0.855	1					
Methylene chloride	U	ND	1.60	4.80	ug/kg	0.855	1					
Styrene	U	ND	0.320	0.960	ug/kg	0.855	1					
Tetrachloroethylene	U	ND	0.320	0.960	ug/kg	0.855	1					
Toluene	U	ND	0.320	0.960	ug/kg	0.855	1					
Trichloroethylene	U	ND	0.320	0.960	ug/kg	0.855	1					
Trichlorofluoromethane	U	ND	0.320	0.960	ug/kg	0.855	1					
Trichlorotrifluoroethane	U	ND	1.60	4.80	ug/kg	0.855	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-29-4.0 Project: RVDE00226C
Sample ID: 770021013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.320	0.960	ug/kg	0.855	1					
cis-1,2-Dichloroethylene	U	ND	0.320	0.960	ug/kg	0.855	1					
cis-1,3-Dichloropropylene	U	ND	0.320	0.960	ug/kg	0.855	1					
m,p-Xylenes	U	ND	0.640	1.92	ug/kg	0.855	1					
o-Xylene	U	ND	0.320	0.960	ug/kg	0.855	1					
tert-Butyl methyl ether	U	ND	0.320	0.960	ug/kg	0.855	1					
trans-1,2-Dichloroethylene	U	ND	0.320	0.960	ug/kg	0.855	1					
trans-1,3-Dichloropropylene	U	ND	0.320	0.960	ug/kg	0.855	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	IS2	04/02/26	1218	2971621
SW846 5035	5035 Prep	PXY1	03/26/26	0900	2972978
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/01/26	1645	2969660
SW846 3050B	SW846 3050B Prep	ES3	03/27/26	0810	2968511
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	04/03/26	0643	2971448

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	1860	57	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1150 ug/kg	1860	62	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1260 ug/kg	1860	68	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2330 ug/kg	3710	63	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2340 ug/kg	3710	63	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2300 ug/kg	3710	62	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	48.8 ug/kg	50.0	102	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	56.3 ug/kg	50.0	117	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	47.0 ug/kg	50.0	98	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 9, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-29-4.0	Project:	RVDE00226C
Sample ID:	770021013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
		Corrected"										

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 9, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2968512											
QC1206419765 LCS											
Aluminum	430000			471000	ug/kg		109	(80%-120%)	EM2	03/30/26	12:26
Antimony	43000			47000	ug/kg		109	(80%-120%)			
Arsenic	43000			48800	ug/kg		113	(80%-120%)			
Barium	43000			47700	ug/kg		111	(80%-120%)			
Beryllium	43000			49200	ug/kg		114	(80%-120%)			
Cadmium	43000			48100	ug/kg		112	(80%-120%)			
Calcium	430000			484000	ug/kg		112	(80%-120%)			
Chromium	43000			48000	ug/kg		111	(80%-120%)			
Cobalt	43000			47000	ug/kg		109	(80%-120%)			
Copper	43000			47900	ug/kg		111	(80%-120%)			
Iron	430000			487000	ug/kg		113	(80%-120%)			
Lead	43000			47200	ug/kg		110	(80%-120%)			

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2968512										
Magnesium	430000			493000	ug/kg		115	(80%-120%)	EM2	03/30/26 12:26
Manganese	43000			47300	ug/kg		110	(80%-120%)		
Nickel	43000			47100	ug/kg		110	(80%-120%)		
Potassium	430000			477000	ug/kg		111	(80%-120%)		
Selenium	43000			47900	ug/kg		111	(80%-120%)		
Silver	8610			9550	ug/kg		111	(80%-120%)		
Sodium	430000			469000	ug/kg		109	(80%-120%)		
Thallium	43000			48800	ug/kg		113	(80%-120%)		
Vanadium	43000			47100	ug/kg		109	(80%-120%)		
Zinc	43000			47100	ug/kg		110	(80%-120%)		
QC1206419764 MB										
Aluminum			U	ND	ug/kg					03/30/26 12:23
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2968512										
Beryllium			U	ND	ug/kg				EM2	03/30/26 12:23
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2968512											
Sodium				U	ND	ug/kg				EM2	03/30/26 12:23
Thallium				U	ND	ug/kg					
Vanadium				U	ND	ug/kg					
Zinc				U	ND	ug/kg					
QC1206419766 770021002 MS											
Aluminum	499000		9680000		13300000	ug/kg		N/A	(75%-125%)		03/30/26 12:31
Antimony	49900	U	ND		47900	ug/kg		96.1	(75%-125%)		
Arsenic	49900		5390		53600	ug/kg		96.6	(75%-125%)		
Barium	49900		36000		63100	ug/kg		54.4*	(75%-125%)		
Beryllium	49900	J	495		49400	ug/kg		98.1	(75%-125%)		
Cadmium	49900		737		47300	ug/kg		93.4	(75%-125%)		
Calcium	499000		27900000		7910000	ug/kg		N/A	(75%-125%)		
Chromium	49900		133000		99400	ug/kg		0*	(75%-125%)		
Cobalt	49900		732		46400	ug/kg		91.7	(75%-125%)		
Copper	49900		13800		57000	ug/kg		86.7	(75%-125%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2968512											
Iron	499000		37600000		13500000	ug/kg		N/A	(75%-125%)	EM2	03/30/26 12:31
Lead	49900		20100		64200	ug/kg		88.5	(75%-125%)		
Magnesium	499000		6790000		2470000	ug/kg		N/A	(75%-125%)		
Manganese	49900		1420000		509000	ug/kg		N/A	(75%-125%)		03/30/26 14:22
Nickel	49900		6020		48500	ug/kg		85.2	(75%-125%)		03/30/26 12:31
Potassium	499000		211000		764000	ug/kg		111	(75%-125%)		
Selenium	49900	J	1120		47600	ug/kg		93.1	(75%-125%)		
Silver	9970	J	228		9900	ug/kg		97	(75%-125%)		
Sodium	499000		58000		525000	ug/kg		93.7	(75%-125%)		
Thallium	49900	U	ND		47300	ug/kg		94.9	(75%-125%)		
Vanadium	49900		58100		79800	ug/kg		43.4*	(75%-125%)		
Zinc	49900		118000		148000	ug/kg		61.4*	(75%-125%)		
QC1206419767 770021002 MSD											
Aluminum	553000		9680000		13200000	ug/kg	1.14	N/A	(0%-20%)		03/30/26 12:33
Antimony	55300	U	ND		53200	ug/kg	10.5	96.2	(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Metals Analysis-ICP													
Batch 2968512													
Arsenic	55300		5390		59800	ug/kg	11.1		98.4	(0%-20%)	EM2	03/30/26	12:33
Barium	55300		36000		73400	ug/kg	15.1		67.7*	(0%-20%)			
Beryllium	55300	J	495		55400	ug/kg	11.4		99.2	(0%-20%)			
Cadmium	55300		737		52900	ug/kg	11.2		94.3	(0%-20%)			
Calcium	553000		27900000		12200000	ug/kg	42.6	*	N/A	(0%-20%)			
Chromium	55300		133000		126000	ug/kg	23.6	*	0*	(0%-20%)			
Cobalt	55300		732		51700	ug/kg	10.8		92.2	(0%-20%)			
Copper	55300		13800		64600	ug/kg	12.4		91.8	(0%-20%)			
Iron	553000		37600000		19200000	ug/kg	35	*	N/A	(0%-20%)			
Lead	55300		20100		64200	ug/kg	0.0296		79.7	(0%-20%)			
Magnesium	553000		6790000		3570000	ug/kg	36.4	*	N/A	(0%-20%)			
Manganese	55300		1420000		679000	ug/kg	28.6	*	N/A	(0%-20%)		03/30/26	14:24
Nickel	55300		6020		54200	ug/kg	11		87	(0%-20%)		03/30/26	12:33
Potassium	553000		211000		811000	ug/kg	5.9		108	(0%-20%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2968512											
Selenium	55300	J	1120		53100	ug/kg	11.1	94	(0%-20%)	EM2	03/30/26 12:33
Silver	11100	J	228		11200	ug/kg	11.9	98.7	(0%-20%)		
Sodium	553000		58000		583000	ug/kg	10.4	94.9	(0%-20%)		
Thallium	55300	U	ND		52600	ug/kg	10.5	95	(0%-20%)		
Vanadium	55300		58100		87800	ug/kg	9.62	53.7*	(0%-20%)		
Zinc	55300		118000		115000	ug/kg	25 *	0*	(0%-20%)		
QC1206419768 770021002 PS											
Barium	500		321		773	ug/L		90.4	(75%-125%)		03/30/26 12:36
Chromium	500		1190		1570	ug/L		77.3	(75%-125%)		
Vanadium	500		519		976	ug/L		91.5	(75%-125%)		
Zinc	500		1050		1440	ug/L		78.1	(75%-125%)		
QC1206419769 770021002 SDILT											
Aluminum			86300		15700	ug/L	8.94		(0%-20%)		03/30/26 12:38
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic			48.1	J	11.2	ug/L	16.8		(0%-20%)		
Barium			321		61.7	ug/L	3.89		(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2968512										
Beryllium	J	4.41	U	ND	ug/L	N/A		(0%-20%)	EM2	03/30/26 12:38
Cadmium		6.57	U	ND	ug/L	N/A		(0%-20%)		
Calcium		249000		46500	ug/L	6.52		(0%-20%)		
Chromium		1190		227	ug/L	4.2		(0%-20%)		
Cobalt		6.53	U	ND	ug/L	N/A		(0%-20%)		
Copper		123		22.2	ug/L	9.72		(0%-20%)		
Iron		336000		64800	ug/L	3.49		(0%-20%)		
Lead		179		36.7	ug/L	2.34		(0%-20%)		
Magnesium		60500		11400	ug/L	5.52		(0%-20%)		
Manganese		2530		504	ug/L	.51		(0%-20%)		03/30/26 14:26
Nickel		53.7		11.0	ug/L	2.12		(0%-20%)		03/30/26 12:38
Potassium		1880		342	ug/L	9.1		(0%-20%)		
Selenium	J	9.98	U	ND	ug/L	N/A		(0%-20%)		
Silver	J	2.03	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2968512										
Sodium		517	J	94.8	ug/L	8.37		(0%-20%)	EM2	03/30/26 12:38
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		519		98.7	ug/L	4.8		(0%-20%)		
Zinc		1050		204	ug/L	3.11		(0%-20%)		
Metals Analysis-Mercury										
Batch 2969662										
QC1206422108 769148001 DUP										
Mercury		25.0		37.6	ug/kg	40.4	^	(+/-23.1)	PB1	04/02/26 10:18
QC1206422107 LCS										
Mercury	222			235	ug/kg		106	(80%-120%)		04/02/26 10:11
QC1206422106 MB										
Mercury			U	ND	ug/kg					04/02/26 10:10
QC1206422109 769148001 MS										
Mercury	240	25.0		297	ug/kg		113	(80%-120%)		04/02/26 10:20
Semi-Volatile-GC/MS										
Batch 2970799										
QC1206424362 LCS										
1,1'-Biphenyl	1660			1160	ug/kg		70	(47%-110%)	BM1	04/02/26 18:12
1,2,4,5-Tetrachlorobenzene	1660			1140	ug/kg		69	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660			1260	ug/kg		76	(44%-114%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
2,4,5-Trichlorophenol	1660			1270	ug/kg		77	(50%-121%)	BM1	04/02/26 18:12
2,4,6-Trichlorophenol	1660			1320	ug/kg		80	(48%-112%)		
2,4-Dichlorophenol	1660			1290	ug/kg		78	(47%-112%)		
2,4-Dimethylphenol	1660			893	ug/kg		54	(32%-74%)		
2,4-Dinitrophenol	1660			823	ug/kg		50	(22%-89%)		
2,4-Dinitrotoluene	1660			1360	ug/kg		82	(49%-121%)		
2,6-Dinitrotoluene	1660			1340	ug/kg		81	(47%-118%)		
2-Chloronaphthalene	1660			1260	ug/kg		76	(44%-107%)		
2-Chlorophenol	1660			1290	ug/kg		78	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			990	ug/kg		60	(21%-106%)		
2-Methylnaphthalene	1660			1390	ug/kg		84	(47%-109%)		
2-Nitrophenol	1660			1250	ug/kg		76	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1030	ug/kg		62	(39%-100%)		
4-Bromophenylphenylether	1660			1360	ug/kg		82	(50%-120%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
4-Chloro-3-methylphenol	1660			1310	ug/kg		79	(50%-114%)	BM1	04/02/26 18:12
4-Chloroaniline	1660			1060	ug/kg		64	(38%-96%)		
4-Chlorophenylphenylether	1660			1360	ug/kg		82	(50%-118%)		
4-Nitrophenol	1660			1240	ug/kg		75	(46%-120%)		
Acenaphthene	1660			1280	ug/kg		77	(45%-112%)		
Acenaphthylene	1660			1170	ug/kg		71	(43%-106%)		
Acetophenone	1660			1140	ug/kg		69	(35%-100%)		
Anthracene	1660			1310	ug/kg		79	(50%-115%)		
Atrazine	1660			1350	ug/kg		82	(51%-144%)		
Benzaldehyde	1660		J	259	ug/kg		16*	(21%-89%)		
Benzo(a)anthracene	1660			1260	ug/kg		76	(51%-117%)		
Benzo(a)pyrene	1660			1250	ug/kg		75	(48%-118%)		
Benzo(b)fluoranthene	1660			1360	ug/kg		82	(51%-121%)		
Benzo(ghi)perylene	1660			1370	ug/kg		82	(51%-125%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
Benzo(k)fluoranthene	1660			1330	ug/kg		80	(50%-124%)	BM1	04/02/26 18:12
Butylbenzylphthalate	1660			1370	ug/kg		82	(51%-133%)		
Carbazole	1660			1310	ug/kg		79	(53%-119%)		
Chrysene	1660			1240	ug/kg		75	(52%-116%)		
Di-n-butylphthalate	1660			1370	ug/kg		83	(54%-126%)		
Di-n-octylphthalate	1660			1300	ug/kg		79	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1320	ug/kg		80	(48%-120%)		
Dibenzofuran	1660			1300	ug/kg		78	(50%-110%)		
Diethylphthalate	1660			1330	ug/kg		80	(52%-123%)		
Dimethylphthalate	1660			1310	ug/kg		79	(49%-124%)		
Diphenylamine	1660			1320	ug/kg		79	(51%-115%)		
Fluoranthene	1660			1370	ug/kg		83	(52%-121%)		
Fluorene	1660			1300	ug/kg		78	(50%-116%)		
Hexachlorobenzene	1660			1310	ug/kg		79	(48%-117%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
Hexachlorobutadiene	1660			1270	ug/kg		76	(40%-105%)	BM1	04/02/26 18:12
Hexachlorocyclopentadiene	1660			754	ug/kg		45	(26%-82%)		
Hexachloroethane	1660			1190	ug/kg		72	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1330	ug/kg		80	(47%-123%)		
Isophorone	1660			1240	ug/kg		75	(37%-120%)		
N-Nitrosodipropylamine	1660			1320	ug/kg		80	(46%-113%)		
Naphthalene	1660			1260	ug/kg		76	(44%-105%)		
Nitrobenzene	1660			1280	ug/kg		77	(44%-106%)		
Pentachlorophenol	1660			1230	ug/kg		74	(36%-111%)		
Phenanthrene	1660			1280	ug/kg		77	(50%-114%)		
Phenol	1660			1310	ug/kg		79	(46%-107%)		
Pyrene	1660			1370	ug/kg		83	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1290	ug/kg		78	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1300	ug/kg		79	(45%-106%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
bis(2-Chloroethyl) ether	1660			1310	ug/kg		79	(44%-106%)	BM1	04/02/26 18:12
bis(2-Ethylhexyl)phthalate	1660			1320	ug/kg		80	(50%-134%)		
m,p-Cresols	1660			1310	ug/kg		79	(46%-106%)		
m-Nitroaniline	1660			1140	ug/kg		69	(41%-108%)		
o-Cresol	1660			1280	ug/kg		77	(45%-105%)		
o-Nitroaniline	1660			1270	ug/kg		76	(48%-117%)		
p-Nitroaniline	1660			1350	ug/kg		82	(49%-119%)		
**2,4,6-Tribromophenol	3320			2630	ug/kg		79	(20%-104%)		
**2-Fluorobiphenyl	1660			1190	ug/kg		72	(20%-93%)		
**2-Fluorophenol	3320			2560	ug/kg		77	(19%-94%)		
**Nitrobenzene-d5	1660			1200	ug/kg		72	(19%-90%)		
**Phenol-d5	3320			2580	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1290	ug/kg		78	(24%-107%)		
QC1206424361 MB										
1,1'-Biphenyl			U	ND	ug/kg					04/02/26 17:49

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg				BM1	04/02/26 17:49
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
3,3'-Dichlorobenzidine			U	ND	ug/kg				BM1	04/02/26 17:49
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
Benzo(b)fluoranthene			U	ND	ug/kg				BM1	04/02/26 17:49
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
Fluorene			U	ND	ug/kg				BM1	04/02/26 17:49
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg				BM1	04/02/26 17:49
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3330			2920	ug/kg		88	(20%-104%)		
**2-Fluorobiphenyl	1660			1380	ug/kg		83	(20%-93%)		
**2-Fluorophenol	3330			2870	ug/kg		86	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		81	(19%-90%)		
**Phenol-d5	3330			2900	ug/kg		87	(20%-99%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2970799											
**p-Terphenyl-d14	1660				1490	ug/kg		90	(24%-107%)	BM1	04/02/26 17:49
QC1206424363 770021004 MS											
1,1'-Biphenyl	1920	U	ND	J	1310	ug/kg		68	(16%-112%)		04/02/26 20:07
1,2,4,5-Tetrachlorobenzene	1920	U	ND	J	1260	ug/kg		66	(16%-106%)		
2,3,4,6-Tetrachlorophenol	1920	U	ND	J	1190	ug/kg		62	(15%-114%)		
2,4,5-Trichlorophenol	1920	U	ND	J	1330	ug/kg		69	(16%-122%)		
2,4,6-Trichlorophenol	1920	U	ND	J	1290	ug/kg		67	(16%-112%)		
2,4-Dichlorophenol	1920	U	ND	J	1350	ug/kg		71	(15%-112%)		
2,4-Dimethylphenol	1920	U	ND	J	977	ug/kg		51	(17%-73%)		
2,4-Dinitrophenol	1920	U	ND	J	1880	ug/kg		98	(19%-117%)		
2,4-Dinitrotoluene	1920	U	ND	J	1260	ug/kg		66	(15%-119%)		
2,6-Dinitrotoluene	1920	U	ND	J	1330	ug/kg		70	(14%-119%)		
2-Chloronaphthalene	1920	U	ND		1440	ug/kg		75	(15%-108%)		
2-Chlorophenol	1920	U	ND	J	1490	ug/kg		78	(17%-104%)		
2-Methyl-4,6-dinitrophenol	1920	U	ND	U	ND	ug/kg		0 *	(10%-120%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
2-Methylnaphthalene	1920	U	ND		1580	ug/kg		82	(16%-108%)	BM1	04/02/26	20:07
2-Nitrophenol	1920	U	ND	J	1390	ug/kg		72	(14%-107%)			
3,3'-Dichlorobenzidine	1920	U	ND	J	1160	ug/kg		61	(13%-95%)			
4-Bromophenylphenylether	1920	U	ND	J	1470	ug/kg		77	(16%-122%)			
4-Chloro-3-methylphenol	1920	U	ND	J	1400	ug/kg		73	(17%-116%)			
4-Chloroaniline	1920	U	ND	J	1190	ug/kg		62	(16%-91%)			
4-Chlorophenylphenylether	1920	U	ND	J	1510	ug/kg		79	(16%-120%)			
4-Nitrophenol	1920	U	ND	J	1020	ug/kg		53	(14%-122%)			
Acenaphthene	1920	U	ND		1450	ug/kg		76	(15%-114%)			
Acenaphthylene	1920	U	ND		1340	ug/kg		70	(16%-107%)			
Acetophenone	1920	U	ND	J	1330	ug/kg		69	(16%-97%)			
Anthracene	1920	U	ND		1480	ug/kg		77	(16%-119%)			
Atrazine	1920	U	ND	J	1320	ug/kg		69	(12%-144%)			
Benzaldehyde	1920	U	ND	U	ND	ug/kg		0 *	(12%-103%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
Benzo(a)anthracene	1920	J	135		1530	ug/kg		73	(16%-120%)	BM1	04/02/26	20:07
Benzo(a)pyrene	1920	J	145		1470	ug/kg		69	(16%-119%)			
Benzo(b)fluoranthene	1920		226		1660	ug/kg		75	(16%-123%)			
Benzo(ghi)perylene	1920	J	135		1460	ug/kg		69	(15%-127%)			
Benzo(k)fluoranthene	1920	J	65.9		1480	ug/kg		74	(16%-126%)			
Butylbenzylphthalate	1920	U	ND		1590	ug/kg		83	(14%-135%)			
Carbazole	1920	U	ND		1480	ug/kg		77	(16%-123%)			
Chrysene	1920	J	183		1500	ug/kg		69	(17%-119%)			
Di-n-butylphthalate	1920	U	ND		1500	ug/kg		78	(16%-129%)			
Di-n-octylphthalate	1920	U	ND		1570	ug/kg		82	(16%-134%)			
Dibenzo(a,h)anthracene	1920	U	ND		1390	ug/kg		72	(16%-120%)			
Dibenzofuran	1920	U	ND	J	1450	ug/kg		76	(17%-114%)			
Diethylphthalate	1920	U	ND		1450	ug/kg		76	(16%-124%)			
Dimethylphthalate	1920	U	ND		1440	ug/kg		75	(16%-123%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
Diphenylamine	1920	U	ND	J	1450	ug/kg		76	(18%-116%)	BM1	04/02/26	20:07
Fluoranthene	1920		218		1710	ug/kg		78	(17%-124%)			
Fluorene	1920	U	ND		1450	ug/kg		76	(16%-119%)			
Hexachlorobenzene	1920	U	ND	J	1310	ug/kg		68	(18%-117%)			
Hexachlorobutadiene	1920	U	ND	J	1370	ug/kg		71	(15%-101%)			
Hexachlorocyclopentadiene	1920	U	ND	U	ND	ug/kg		0 *	(16%-60%)			
Hexachloroethane	1920	U	ND	J	1200	ug/kg		63	(16%-87%)			
Indeno(1,2,3-cd)pyrene	1920	J	119		1480	ug/kg		71	(14%-125%)			
Isophorone	1920	U	ND	J	1400	ug/kg		73	(12%-116%)			
N-Nitrosodipropylamine	1920	U	ND	J	1550	ug/kg		81	(14%-113%)			
Naphthalene	1920	U	ND		1480	ug/kg		77	(15%-105%)			
Nitrobenzene	1920	U	ND	J	1460	ug/kg		76	(15%-105%)			
Pentachlorophenol	1920	U	ND	J	916	ug/kg		48	(11%-115%)			
Phenanthrene	1920	J	96.0		1460	ug/kg		71	(15%-120%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
Phenol	1920	U	ND	J	1490	ug/kg		78	(16%-107%)	BM1	04/02/26	20:07
Pyrene	1920		228		1680	ug/kg		76	(15%-127%)			
bis(2-Chloro-1-methylethyl)ether	1920	U	ND	J	1500	ug/kg		78	(10%-110%)			
bis(2-Chloroethoxy)methane	1920	U	ND	J	1480	ug/kg		77	(16%-105%)			
bis(2-Chloroethyl) ether	1920	U	ND	J	1500	ug/kg		78	(14%-106%)			
bis(2-Ethylhexyl)phthalate	1920	U	ND		1490	ug/kg		78	(15%-135%)			
m,p-Cresols	1920	U	ND	J	1480	ug/kg		77	(17%-106%)			
m-Nitroaniline	1920	U	ND	J	1190	ug/kg		62	(15%-103%)			
o-Cresol	1920	U	ND	J	1440	ug/kg		75	(17%-104%)			
o-Nitroaniline	1920	U	ND	J	1340	ug/kg		70	(16%-116%)			
p-Nitroaniline	1920	U	ND	J	1250	ug/kg		65	(12%-118%)			
**2,4,6-Tribromophenol	3830		2370		2660	ug/kg		69	(20%-104%)			
**2-Fluorobiphenyl	1920		1300		1360	ug/kg		71	(20%-93%)			
**2-Fluorophenol	3830		2910		2890	ug/kg		75	(19%-94%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2970799												
**Nitrobenzene-d5	1920		1290		1370	ug/kg			71	(19%-90%)	BM1	04/02/26 20:07
**Phenol-d5	3830		2880		2920	ug/kg			76	(20%-99%)		
**p-Terphenyl-d14	1920		1360		1390	ug/kg			72	(24%-107%)		
QC1206424364 770021004 MSD												
1,1'-Biphenyl	1900	U	ND	J	1180	ug/kg	10		62	(0%-30%)		04/02/26 20:30
1,2,4,5-Tetrachlorobenzene	1900	U	ND	J	1170	ug/kg	7		62	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1900	U	ND	J	1090	ug/kg	9		57	(0%-30%)		
2,4,5-Trichlorophenol	1900	U	ND	J	1250	ug/kg	6		66	(0%-30%)		
2,4,6-Trichlorophenol	1900	U	ND	J	1220	ug/kg	6		64	(0%-30%)		
2,4-Dichlorophenol	1900	U	ND	J	1290	ug/kg	4		68	(0%-30%)		
2,4-Dimethylphenol	1900	U	ND	J	914	ug/kg	7		48	(0%-30%)		
2,4-Dinitrophenol	1900	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)		
2,4-Dinitrotoluene	1900	U	ND	J	1040	ug/kg	19		55	(0%-30%)		
2,6-Dinitrotoluene	1900	U	ND	J	1130	ug/kg	17		59	(0%-30%)		
2-Chloronaphthalene	1900	U	ND		1280	ug/kg	12		67	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
2-Chlorophenol	1900	U	ND	J	1350	ug/kg	9	71	(0%-30%)	BM1	04/02/26	20:30
2-Methyl-4,6-dinitrophenol	1900	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)			
2-Methylnaphthalene	1900	U	ND		1470	ug/kg	7	78	(0%-30%)			
2-Nitrophenol	1900	U	ND	J	1180	ug/kg	16	62	(0%-30%)			
3,3'-Dichlorobenzidine	1900	U	ND	J	1080	ug/kg	8	57	(0%-30%)			
4-Bromophenylphenylether	1900	U	ND	J	1370	ug/kg	7	72	(0%-30%)			
4-Chloro-3-methylphenol	1900	U	ND	J	1300	ug/kg	7	68	(0%-30%)			
4-Chloroaniline	1900	U	ND	J	1160	ug/kg	2	61	(0%-30%)			
4-Chlorophenylphenylether	1900	U	ND	J	1390	ug/kg	9	73	(0%-30%)			
4-Nitrophenol	1900	U	ND	J	911	ug/kg	11	48	(0%-30%)			
Acenaphthene	1900	U	ND		1320	ug/kg	9	70	(0%-30%)			
Acenaphthylene	1900	U	ND		1210	ug/kg	10	64	(0%-30%)			
Acetophenone	1900	U	ND	J	1200	ug/kg	10	63	(0%-30%)			
Anthracene	1900	U	ND		1330	ug/kg	11	70	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
Atrazine	1900	U	ND	J	1240	ug/kg	6	65	(0%-30%)	BM1	04/02/26	20:30
Benzaldehyde	1900	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)			
Benzo(a)anthracene	1900	J	135		1380	ug/kg	10	66	(0%-30%)			
Benzo(a)pyrene	1900	J	145		1330	ug/kg	10	63	(0%-30%)			
Benzo(b)fluoranthene	1900		226		1470	ug/kg	12	66	(0%-30%)			
Benzo(ghi)perylene	1900	J	135		1370	ug/kg	6	65	(0%-30%)			
Benzo(k)fluoranthene	1900	J	65.9		1320	ug/kg	12	66	(0%-30%)			
Butylbenzylphthalate	1900	U	ND		1470	ug/kg	8	77	(0%-30%)			
Carbazole	1900	U	ND		1340	ug/kg	10	71	(0%-30%)			
Chrysene	1900	J	183		1330	ug/kg	12	61	(0%-30%)			
Di-n-butylphthalate	1900	U	ND		1430	ug/kg	4	76	(0%-30%)			
Di-n-octylphthalate	1900	U	ND		1530	ug/kg	3	80	(0%-30%)			
Dibenzo(a,h)anthracene	1900	U	ND		1270	ug/kg	9	67	(0%-30%)			
Dibenzofuran	1900	U	ND	J	1340	ug/kg	8	71	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
Diethylphthalate	1900	U	ND		1340	ug/kg	8	71	(0%-30%)	BM1	04/02/26	20:30
Dimethylphthalate	1900	U	ND		1320	ug/kg	9	69	(0%-30%)			
Diphenylamine	1900	U	ND	J	1290	ug/kg	12	68	(0%-30%)			
Fluoranthene	1900		218		1550	ug/kg	10	70	(0%-30%)			
Fluorene	1900	U	ND		1320	ug/kg	9	70	(0%-30%)			
Hexachlorobenzene	1900	U	ND	J	1250	ug/kg	5	66	(0%-30%)			
Hexachlorobutadiene	1900	U	ND	J	1350	ug/kg	2	71	(0%-30%)			
Hexachlorocyclopentadiene	1900	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)			
Hexachloroethane	1900	U	ND	J	1050	ug/kg	14	55	(0%-30%)			
Indeno(1,2,3-cd)pyrene	1900	J	119		1360	ug/kg	8	65	(0%-30%)			
Isophorone	1900	U	ND	J	1280	ug/kg	9	67	(0%-30%)			
N-Nitrosodipropylamine	1900	U	ND	J	1400	ug/kg	10	74	(0%-30%)			
Naphthalene	1900	U	ND		1350	ug/kg	9	71	(0%-30%)			
Nitrobenzene	1900	U	ND	J	1330	ug/kg	9	70	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2970799												
Pentachlorophenol	1900	U	ND	J	985	ug/kg	7	52	(0%-30%)	BM1	04/02/26	20:30
Phenanthrene	1900	J	96.0		1340	ug/kg	9	65	(0%-30%)			
Phenol	1900	U	ND	J	1360	ug/kg	9	72	(0%-30%)			
Pyrene	1900		228		1570	ug/kg	7	70	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	1900	U	ND	J	1360	ug/kg	10	72	(0%-30%)			
bis(2-Chloroethoxy)methane	1900	U	ND	J	1350	ug/kg	9	71	(0%-30%)			
bis(2-Chloroethyl) ether	1900	U	ND	J	1340	ug/kg	11	71	(0%-30%)			
bis(2-Ethylhexyl)phthalate	1900	U	ND		1440	ug/kg	3	76	(0%-30%)			
m,p-Cresols	1900	U	ND	J	1320	ug/kg	11	70	(0%-30%)			
m-Nitroaniline	1900	U	ND	J	1100	ug/kg	8	58	(0%-30%)			
o-Cresol	1900	U	ND	J	1340	ug/kg	7	71	(0%-30%)			
o-Nitroaniline	1900	U	ND	J	1180	ug/kg	13	62	(0%-30%)			
p-Nitroaniline	1900	U	ND	J	1070	ug/kg	15	57	(0%-30%)			
**2,4,6-Tribromophenol	3790		2370		2800	ug/kg		74	(20%-104%)			

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2970799										
**2-Fluorobiphenyl	1900	1300		1340	ug/kg		71	(20%-93%)	BM1	04/02/26 20:30
**2-Fluorophenol	3790	2910		2950	ug/kg		78	(19%-94%)		
**Nitrobenzene-d5	1900	1290		1340	ug/kg		71	(19%-90%)		
**Phenol-d5	3790	2880		2930	ug/kg		77	(20%-99%)		
**p-Terphenyl-d14	1900	1360		1440	ug/kg		76	(24%-107%)		
Batch 2971449										
QC1206425423 LCS										
1,1'-Biphenyl	1650			1040	ug/kg		63	(47%-110%)	BM1	04/06/26 13:25
1,2,4,5-Tetrachlorobenzene	1650			1030	ug/kg		62	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1650			1130	ug/kg		68	(44%-114%)		
2,4,5-Trichlorophenol	1650			1180	ug/kg		71	(50%-121%)		
2,4,6-Trichlorophenol	1650			1130	ug/kg		69	(48%-112%)		
2,4-Dichlorophenol	1650			1090	ug/kg		66	(47%-112%)		
2,4-Dimethylphenol	1650			738	ug/kg		45	(32%-74%)		
2,4-Dinitrophenol	1650			749	ug/kg		45	(22%-89%)		
2,4-Dinitrotoluene	1650			1240	ug/kg		75	(49%-121%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2971449											
2,6-Dinitrotoluene	1650			1200	ug/kg		72	(47%-118%)	BM1	04/06/26	13:25
2-Chloronaphthalene	1650			1050	ug/kg		64	(44%-107%)			
2-Chlorophenol	1650			1030	ug/kg		62	(46%-107%)			
2-Methyl-4,6-dinitrophenol	1650			910	ug/kg		55	(21%-106%)			
2-Methylnaphthalene	1650			1140	ug/kg		69	(47%-109%)			
2-Nitrophenol	1650			1040	ug/kg		63	(44%-109%)			
3,3'-Dichlorobenzidine	1650			1120	ug/kg		68	(39%-100%)			
4-Bromophenylphenylether	1650			1220	ug/kg		74	(50%-120%)			
4-Chloro-3-methylphenol	1650			1140	ug/kg		69	(50%-114%)			
4-Chloroaniline	1650			925	ug/kg		56	(38%-96%)			
4-Chlorophenylphenylether	1650			1180	ug/kg		71	(50%-118%)			
4-Nitrophenol	1650			1250	ug/kg		76	(46%-120%)			
Acenaphthene	1650			1100	ug/kg		67	(45%-112%)			
Acenaphthylene	1650			1010	ug/kg		61	(43%-106%)			

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2971449										
Acetophenone	1650			907	ug/kg		55	(35%-100%)	BM1	04/06/26 13:25
Anthracene	1650			1200	ug/kg		73	(50%-115%)		
Atrazine	1650			1360	ug/kg		82	(51%-144%)		
Benzaldehyde	1650			540	ug/kg		33	(21%-89%)		
Benzo(a)anthracene	1650			1260	ug/kg		76	(51%-117%)		
Benzo(a)pyrene	1650			1230	ug/kg		75	(48%-118%)		
Benzo(b)fluoranthene	1650			1300	ug/kg		79	(51%-121%)		
Benzo(ghi)perylene	1650			1360	ug/kg		83	(51%-125%)		
Benzo(k)fluoranthene	1650			1270	ug/kg		77	(50%-124%)		
Butylbenzylphthalate	1650			1390	ug/kg		84	(51%-133%)		
Carbazole	1650			1290	ug/kg		78	(53%-119%)		
Chrysene	1650			1240	ug/kg		75	(52%-116%)		
Di-n-butylphthalate	1650		B	1350	ug/kg		82	(54%-126%)		
Di-n-octylphthalate	1650			1390	ug/kg		84	(50%-133%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2971449											
Dibenzo(a,h)anthracene	1650			1320	ug/kg		80	(48%-120%)	BM1	04/06/26	13:25
Dibenzofuran	1650			1120	ug/kg		68	(50%-110%)			
Diethylphthalate	1650			1220	ug/kg		74	(52%-123%)			
Dimethylphthalate	1650			1170	ug/kg		71	(49%-124%)			
Diphenylamine	1650			1180	ug/kg		72	(51%-115%)			
Fluoranthene	1650			1330	ug/kg		81	(52%-121%)			
Fluorene	1650			1140	ug/kg		69	(50%-116%)			
Hexachlorobenzene	1650			1190	ug/kg		72	(48%-117%)			
Hexachlorobutadiene	1650			1010	ug/kg		61	(40%-105%)			
Hexachlorocyclopentadiene	1650			457	ug/kg		28	(26%-82%)			
Hexachloroethane	1650			947	ug/kg		57	(38%-95%)			
Indeno(1,2,3-cd)pyrene	1650			1370	ug/kg		83	(47%-123%)			
Isophorone	1650			1010	ug/kg		62	(37%-120%)			
N-Nitrosodipropylamine	1650			1020	ug/kg		62	(46%-113%)			

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2971449										
Naphthalene	1650			1020	ug/kg		62	(44%-105%)	BM1	04/06/26 13:25
Nitrobenzene	1650			1030	ug/kg		63	(44%-106%)		
Pentachlorophenol	1650			1160	ug/kg		70	(36%-111%)		
Phenanthrene	1650			1150	ug/kg		70	(50%-114%)		
Phenol	1650			1090	ug/kg		66	(46%-107%)		
Pyrene	1650			1340	ug/kg		81	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1650			957	ug/kg		58	(31%-142%)		
bis(2-Chloroethoxy)methane	1650			1040	ug/kg		63	(45%-106%)		
bis(2-Chloroethyl) ether	1650			1000	ug/kg		61	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1650		B	1330	ug/kg		81	(50%-134%)		
m,p-Cresols	1650			1020	ug/kg		62	(46%-106%)		
m-Nitroaniline	1650			1110	ug/kg		67	(41%-108%)		
o-Cresol	1650			1000	ug/kg		61	(45%-105%)		
o-Nitroaniline	1650			1140	ug/kg		69	(48%-117%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2971449											
p-Nitroaniline	1650			1330	ug/kg		80	(49%-119%)	BM1	04/06/26	13:25
**2,4,6-Tribromophenol	3300			2390	ug/kg		72	(20%-104%)			
**2-Fluorobiphenyl	1650			956	ug/kg		58	(20%-93%)			
**2-Fluorophenol	3300			2010	ug/kg		61	(19%-94%)			
**Nitrobenzene-d5	1650			904	ug/kg		55	(19%-90%)			
**Phenol-d5	3300			1970	ug/kg		60	(20%-99%)			
**p-Terphenyl-d14	1650			1240	ug/kg		75	(24%-107%)			
QC1206425422 MB											
1,1'-Biphenyl			U	ND	ug/kg					04/06/26	13:03
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg						
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg						
2,4,5-Trichlorophenol			U	ND	ug/kg						
2,4,6-Trichlorophenol			U	ND	ug/kg						
2,4-Dichlorophenol			U	ND	ug/kg						
2,4-Dimethylphenol			U	ND	ug/kg						

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2971449										
2,4-Dinitrophenol			U	ND	ug/kg				BM1	04/06/26 13:03
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2971449										
Acenaphthene			U	ND	ug/kg				BM1	04/06/26 13:03
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2971449										
Di-n-butylphthalate				46.8	ug/kg				BM1	04/06/26 13:03
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2971449										
Isophorone			U	ND	ug/kg				BM1	04/06/26 13:03
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			J	23.4	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2971449												
o-Cresol				U	ND	ug/kg				BM1	04/06/26	13:03
o-Nitroaniline				U	ND	ug/kg						
p-Nitroaniline				U	ND	ug/kg						
**2,4,6-Tribromophenol	3300				2940	ug/kg		89	(20%-104%)			
**2-Fluorobiphenyl	1650				1290	ug/kg		78	(20%-93%)			
**2-Fluorophenol	3300				2690	ug/kg		81	(19%-94%)			
**Nitrobenzene-d5	1650				1220	ug/kg		74	(19%-90%)			
**Phenol-d5	3300				2610	ug/kg		79	(20%-99%)			
**p-Terphenyl-d14	1650				1520	ug/kg		92	(24%-107%)			
QC1206425424 770020002 MS												
1,1'-Biphenyl	1800	J	1660		3930	ug/kg		126 *	(16%-112%)		04/06/26	14:09
1,2,4,5-Tetrachlorobenzene	1800	U	ND	J	1710	ug/kg		95	(16%-106%)			
2,3,4,6-Tetrachlorophenol	1800	U	ND	U	ND	ug/kg		0 *	(15%-114%)			
2,4,5-Trichlorophenol	1800	U	ND	U	ND	ug/kg		0 *	(16%-122%)			
2,4,6-Trichlorophenol	1800	U	ND	U	ND	ug/kg		0 *	(16%-112%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2971449												
2,4-Dichlorophenol	1800	U	ND	U	ND	ug/kg		0*	(15%-112%)	BM1	04/06/26	14:09
2,4-Dimethylphenol	1800	U	ND	J	1170	ug/kg		65	(17%-73%)			
2,4-Dinitrophenol	1800	U	ND	J	4890	ug/kg		271*	(19%-117%)			
2,4-Dinitrotoluene	1800	U	ND		4790	ug/kg		265*	(15%-119%)			
2,6-Dinitrotoluene	1800	U	ND	J	2740	ug/kg		152*	(14%-119%)			
2-Chloronaphthalene	1800	U	ND		1700	ug/kg		94	(15%-108%)			
2-Chlorophenol	1800	U	ND	J	1170	ug/kg		65	(17%-104%)			
2-Methyl-4,6-dinitrophenol	1800	U	ND	J	1150	ug/kg		64	(10%-120%)			
2-Methylnaphthalene	1800		5520		9340	ug/kg		212*	(16%-108%)			
2-Nitrophenol	1800	U	ND	J	1400	ug/kg		78	(14%-107%)			
3,3'-Dichlorobenzidine	1800	U	ND	J	1530	ug/kg		85	(13%-95%)			
4-Bromophenylphenylether	1800	U	ND	J	1690	ug/kg		94	(16%-122%)			
4-Chloro-3-methylphenol	1800	U	ND	J	2070	ug/kg		115	(17%-116%)			
4-Chloroaniline	1800	U	ND	J	1250	ug/kg		69	(16%-91%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2971449												
4-Chlorophenylphenylether	1800	U	ND	J	1800	ug/kg		100	(16%-120%)	BM1	04/06/26	14:09
4-Nitrophenol	1800	U	ND		5940	ug/kg		329*	(14%-122%)			
Acenaphthene	1800	J	195		1860	ug/kg		93	(15%-114%)			
Acenaphthylene	1800	U	ND		1940	ug/kg		107	(16%-107%)			
Acetophenone	1800	U	ND	J	1170	ug/kg		65	(16%-97%)			
Anthracene	1800	U	ND		1680	ug/kg		93	(16%-119%)			
Atrazine	1800	U	ND	J	2310	ug/kg		128	(12%-144%)			
Benzaldehyde	1800	U	ND	U	ND	ug/kg		0*	(12%-103%)			
Benzo(a)anthracene	1800	U	ND		1770	ug/kg		98	(16%-120%)			
Benzo(a)pyrene	1800	U	ND		1610	ug/kg		89	(16%-119%)			
Benzo(b)fluoranthene	1800	U	ND		1770	ug/kg		98	(16%-123%)			
Benzo(ghi)perylene	1800	U	ND		1750	ug/kg		97	(15%-127%)			
Benzo(k)fluoranthene	1800	U	ND		1620	ug/kg		90	(16%-126%)			
Butylbenzylphthalate	1800	U	ND		1750	ug/kg		97	(14%-135%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2971449												
Carbazole	1800	U	ND		1790	ug/kg		99	(16%-123%)	BM1	04/06/26	14:09
Chrysene	1800	U	ND		1830	ug/kg		101	(17%-119%)			
Di-n-butylphthalate	1800	U	ND	B	1880	ug/kg		104	(16%-129%)			
Di-n-octylphthalate	1800	U	ND		1810	ug/kg		101	(16%-134%)			
Dibenzo(a,h)anthracene	1800	U	ND		1610	ug/kg		89	(16%-120%)			
Dibenzofuran	1800	U	ND	J	2620	ug/kg		145*	(17%-114%)			
Diethylphthalate	1800	U	ND		2140	ug/kg		119	(16%-124%)			
Dimethylphthalate	1800	U	ND		1650	ug/kg		91	(16%-123%)			
Diphenylamine	1800	U	ND		6260	ug/kg		347*	(18%-116%)			
Fluoranthene	1800	J	267		2140	ug/kg		104	(17%-124%)			
Fluorene	1800		1560		3820	ug/kg		126*	(16%-119%)			
Hexachlorobenzene	1800	U	ND	J	1700	ug/kg		94	(18%-117%)			
Hexachlorobutadiene	1800	U	ND	J	1500	ug/kg		83	(15%-101%)			
Hexachlorocyclopentadiene	1800	U	ND	U	ND	ug/kg		0*	(16%-60%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2971449												
Hexachloroethane	1800	U	ND	J	1680	ug/kg		93*	(16%-87%)	BM1	04/06/26	14:09
Indeno(1,2,3-cd)pyrene	1800	U	ND		1750	ug/kg		97	(14%-125%)			
Isophorone	1800	U	ND	J	2730	ug/kg		151*	(12%-116%)			
N-Nitrosodipropylamine	1800	U	ND	J	3120	ug/kg		173*	(14%-113%)			
Naphthalene	1800		865		2680	ug/kg		101	(15%-105%)			
Nitrobenzene	1800	U	ND	J	1580	ug/kg		88	(15%-105%)			
Pentachlorophenol	1800	U	ND	J	1480	ug/kg		82	(11%-115%)			
Phenanthrene	1800		3380		6250	ug/kg		159*	(15%-120%)			
Phenol	1800	U	ND	J	1450	ug/kg		80	(16%-107%)			
Pyrene	1800		443		2380	ug/kg		108	(15%-127%)			
bis(2-Chloro-1-methylethyl)ether	1800	U	ND	J	1360	ug/kg		75	(10%-110%)			
bis(2-Chloroethoxy)methane	1800	U	ND	J	1630	ug/kg		90	(16%-105%)			
bis(2-Chloroethyl) ether	1800	U	ND	J	1370	ug/kg		76	(14%-106%)			
bis(2-Ethylhexyl)phthalate	1800	BJ	198	B	1980	ug/kg		99	(15%-135%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2971449											
m,p-Cresols	1800	U	ND	J	1480	ug/kg		82	(17%-106%)	BM1	04/06/26 14:09
m-Nitroaniline	1800	U	ND	J	1460	ug/kg		81	(15%-103%)		
o-Cresol	1800	U	ND	J	1410	ug/kg		78	(17%-104%)		
o-Nitroaniline	1800	U	ND	J	1900	ug/kg		105	(16%-116%)		
p-Nitroaniline	1800	U	ND	J	1690	ug/kg		94	(12%-118%)		
**2,4,6-Tribromophenol	3610		598		974	ug/kg		27	(20%-104%)		
**2-Fluorobiphenyl	1800		1230		1710	ug/kg		95*	(20%-93%)		
**2-Fluorophenol	3610		1390		2310	ug/kg		64	(19%-94%)		
**Nitrobenzene-d5	1800		1290		1770	ug/kg		98*	(19%-90%)		
**Phenol-d5	3610		1980		2900	ug/kg		80	(20%-99%)		
**p-Terphenyl-d14	1800		1340		1840	ug/kg		102	(24%-107%)		
QC1206425425 770020002 MSD											
1,1'-Biphenyl	1800	J	1660	J	2700	ug/kg	37 *	58	(0%-30%)		04/06/26 14:31
1,2,4,5-Tetrachlorobenzene	1800	U	ND	J	1190	ug/kg	35 *	66	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1800	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2971449												
2,4,5-Trichlorophenol	1800	U	ND	U	ND	ug/kg	N/A		0	* (0%-30%)	BM1	04/06/26 14:31
2,4,6-Trichlorophenol	1800	U	ND	U	ND	ug/kg	N/A		0	* (0%-30%)		
2,4-Dichlorophenol	1800	U	ND	U	ND	ug/kg	N/A		0	* (0%-30%)		
2,4-Dimethylphenol	1800	U	ND	U	ND	ug/kg	200	*	0	* (0%-30%)		
2,4-Dinitrophenol	1800	U	ND	J	3340	ug/kg	38	*	185	* (0%-30%)		
2,4-Dinitrotoluene	1800	U	ND	J	3380	ug/kg	34	*	188	* (0%-30%)		
2,6-Dinitrotoluene	1800	U	ND	J	1110	ug/kg	84	*	62	(0%-30%)		
2-Chloronaphthalene	1800	U	ND		1220	ug/kg	33	*	68	(0%-30%)		
2-Chlorophenol	1800	U	ND	U	ND	ug/kg	200	*	0	* (0%-30%)		
2-Methyl-4,6-dinitrophenol	1800	U	ND	J	1170	ug/kg	1		65	(0%-30%)		
2-Methylnaphthalene	1800		5520		6670	ug/kg	33	*	63	(0%-30%)		
2-Nitrophenol	1800	U	ND	U	ND	ug/kg	200	*	0	* (0%-30%)		
3,3'-Dichlorobenzidine	1800	U	ND	J	1130	ug/kg	30		63	(0%-30%)		
4-Bromophenylphenylether	1800	U	ND	J	1230	ug/kg	32	*	68	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2971449													
4-Chloro-3-methylphenol	1800	U	ND	J	1490	ug/kg	33	*	83	(0%-30%)	BM1	04/06/26	14:31
4-Chloroaniline	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)			
4-Chlorophenylphenylether	1800	U	ND	J	1290	ug/kg	33	*	72	(0%-30%)			
4-Nitrophenol	1800	U	ND		9970	ug/kg	51	*	553 *	(0%-30%)			
Acenaphthene	1800	J	195		1340	ug/kg	33	*	63	(0%-30%)			
Acenaphthylene	1800	U	ND		1420	ug/kg	31	*	79	(0%-30%)			
Acetophenone	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)			
Anthracene	1800	U	ND		1240	ug/kg	30		69	(0%-30%)			
Atrazine	1800	U	ND	J	1610	ug/kg	36	*	89	(0%-30%)			
Benzaldehyde	1800	U	ND	U	ND	ug/kg	N/A		0 *	(0%-30%)			
Benzo(a)anthracene	1800	U	ND		1290	ug/kg	31	*	72	(0%-30%)			
Benzo(a)pyrene	1800	U	ND		1170	ug/kg	32	*	65	(0%-30%)			
Benzo(b)fluoranthene	1800	U	ND		1260	ug/kg	34	*	70	(0%-30%)			
Benzo(ghi)perylene	1800	U	ND		1290	ug/kg	30		72	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2971449													
Benzo(k)fluoranthene	1800	U	ND		1170	ug/kg	32	*	65	(0%-30%)	BM1	04/06/26	14:31
Butylbenzylphthalate	1800	U	ND		1290	ug/kg	30		72	(0%-30%)			
Carbazole	1800	U	ND		1310	ug/kg	31	*	73	(0%-30%)			
Chrysene	1800	U	ND		1310	ug/kg	33	*	72	(0%-30%)			
Di-n-butylphthalate	1800	U	ND	B	1330	ug/kg	34	*	74	(0%-30%)			
Di-n-octylphthalate	1800	U	ND		1310	ug/kg	32	*	73	(0%-30%)			
Dibenzo(a,h)anthracene	1800	U	ND		1170	ug/kg	31	*	65	(0%-30%)			
Dibenzofuran	1800	U	ND	J	1890	ug/kg	32	*	105	(0%-30%)			
Diethylphthalate	1800	U	ND		1330	ug/kg	47	*	74	(0%-30%)			
Dimethylphthalate	1800	U	ND		1170	ug/kg	34	*	65	(0%-30%)			
Diphenylamine	1800	U	ND		4620	ug/kg	30		256	* (0%-30%)			
Fluoranthene	1800	J	267		1540	ug/kg	33	*	70	(0%-30%)			
Fluorene	1800		1560		2630	ug/kg	37	*	59	(0%-30%)			
Hexachlorobenzene	1800	U	ND	J	1240	ug/kg	31	*	69	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2971449												
Hexachlorobutadiene	1800	U	ND	J	1110	ug/kg	30		61	(0%-30%)	BM1	04/06/26 14:31
Hexachlorocyclopentadiene	1800	U	ND	U	ND	ug/kg	N/A		0 *	(0%-30%)		
Hexachloroethane	1800	U	ND	J	1230	ug/kg	31	*	68	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1800	U	ND		1270	ug/kg	32	*	70	(0%-30%)		
Isophorone	1800	U	ND	J	1710	ug/kg	46	*	95	(0%-30%)		
N-Nitrosodipropylamine	1800	U	ND	J	2280	ug/kg	31	*	126 *	(0%-30%)		
Naphthalene	1800		865		1940	ug/kg	32	*	60	(0%-30%)		
Nitrobenzene	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)		
Pentachlorophenol	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)		
Phenanthrene	1800		3380		4440	ug/kg	34	*	59	(0%-30%)		
Phenol	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)		
Pyrene	1800		443		1750	ug/kg	31	*	72	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)		
bis(2-Chloroethoxy)methane	1800	U	ND	J	1170	ug/kg	32	*	65	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2971449													
bis(2-Chloroethyl) ether	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)	BM1	04/06/26	14:31
bis(2-Ethylhexyl)phthalate	1800	BJ	198	B	1410	ug/kg	34	*	67	(0%-30%)			
m,p-Cresols	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)			
m-Nitroaniline	1800	U	ND	J	1200	ug/kg	20		66	(0%-30%)			
o-Cresol	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)			
o-Nitroaniline	1800	U	ND	J	1440	ug/kg	27		80	(0%-30%)			
p-Nitroaniline	1800	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)			
**2,4,6-Tribromophenol	3610		598		624	ug/kg			17 *	(20%-104%)			
**2-Fluorobiphenyl	1800		1230		1170	ug/kg			65	(20%-93%)			
**2-Fluorophenol	3610		1390		1570	ug/kg			43	(19%-94%)			
**Nitrobenzene-d5	1800		1290		1270	ug/kg			70	(19%-90%)			
**Phenol-d5	3610		1980		1950	ug/kg			54	(20%-99%)			
**p-Terphenyl-d14	1800		1340		1270	ug/kg			71	(24%-107%)			
Batch 2972177													
QC1206426481 LCS													
1,1'-Biphenyl	1660				1350	ug/kg			82	(47%-110%)	LL2	04/06/26	15:09

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
1,2,4,5-Tetrachlorobenzene	1660			1350	ug/kg		81	(42%-108%)	LL2	04/06/26 15:09
2,3,4,6-Tetrachlorophenol	1660			1460	ug/kg		88	(44%-114%)		
2,4,5-Trichlorophenol	1660			1530	ug/kg		92	(50%-121%)		
2,4,6-Trichlorophenol	1660			1520	ug/kg		92	(48%-112%)		
2,4-Dichlorophenol	1660			1540	ug/kg		93	(47%-112%)		
2,4-Dimethylphenol	1660			1100	ug/kg		66	(32%-74%)		
2,4-Dinitrophenol	1660			986	ug/kg		60	(22%-89%)		
2,4-Dinitrotoluene	1660			1600	ug/kg		96	(49%-121%)		
2,6-Dinitrotoluene	1660			1550	ug/kg		94	(47%-118%)		
2-Chloronaphthalene	1660			1500	ug/kg		90	(44%-107%)		
2-Chlorophenol	1660			1530	ug/kg		92	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1210	ug/kg		73	(21%-106%)		
2-Methylnaphthalene	1660			1660	ug/kg		100	(47%-109%)		
2-Nitrophenol	1660			1530	ug/kg		92	(44%-109%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2972177											
3,3'-Dichlorobenzidine	1660			1100	ug/kg		66	(39%-100%)	LL2	04/06/26	15:09
4-Bromophenylphenylether	1660			1560	ug/kg		94	(50%-120%)			
4-Chloro-3-methylphenol	1660			1550	ug/kg		93	(50%-114%)			
4-Chloroaniline	1660			1180	ug/kg		71	(38%-96%)			
4-Chlorophenylphenylether	1660			1580	ug/kg		96	(50%-118%)			
4-Nitrophenol	1660			1550	ug/kg		93	(46%-120%)			
Acenaphthene	1660			1500	ug/kg		91	(45%-112%)			
Acenaphthylene	1660			1370	ug/kg		83	(43%-106%)			
Acetophenone	1660			1260	ug/kg		76	(35%-100%)			
Anthracene	1660			1520	ug/kg		92	(50%-115%)			
Atrazine	1660			1480	ug/kg		89	(51%-144%)			
Benzaldehyde	1660		J	209	ug/kg		13*	(21%-89%)			
Benzo(a)anthracene	1660			1430	ug/kg		87	(51%-117%)			
Benzo(a)pyrene	1660			1450	ug/kg		87	(48%-118%)			

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Benzo(b)fluoranthene	1660			1570	ug/kg		95	(51%-121%)	LL2	04/06/26 15:09
Benzo(ghi)perylene	1660			1540	ug/kg		93	(51%-125%)		
Benzo(k)fluoranthene	1660			1510	ug/kg		91	(50%-124%)		
Butylbenzylphthalate	1660			1620	ug/kg		98	(51%-133%)		
Carbazole	1660			1530	ug/kg		92	(53%-119%)		
Chrysene	1660			1450	ug/kg		87	(52%-116%)		
Di-n-butylphthalate	1660			1610	ug/kg		97	(54%-126%)		
Di-n-octylphthalate	1660			1550	ug/kg		93	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1490	ug/kg		90	(48%-120%)		
Dibenzofuran	1660			1520	ug/kg		92	(50%-110%)		
Diethylphthalate	1660			1570	ug/kg		95	(52%-123%)		
Dimethylphthalate	1660			1530	ug/kg		92	(49%-124%)		
Diphenylamine	1660			1510	ug/kg		91	(51%-115%)		
Fluoranthene	1660			1590	ug/kg		96	(52%-121%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Fluorene	1660			1520	ug/kg		92	(50%-116%)	LL2	04/06/26 15:09
Hexachlorobenzene	1660			1550	ug/kg		93	(48%-117%)		
Hexachlorobutadiene	1660			1480	ug/kg		90	(40%-105%)		
Hexachlorocyclopentadiene	1660			921	ug/kg		56	(26%-82%)		
Hexachloroethane	1660			1390	ug/kg		84	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1510	ug/kg		91	(47%-123%)		
Isophorone	1660			1400	ug/kg		84	(37%-120%)		
N-Nitrosodipropylamine	1660			1580	ug/kg		96	(46%-113%)		
Naphthalene	1660			1480	ug/kg		89	(44%-105%)		
Nitrobenzene	1660			1490	ug/kg		90	(44%-106%)		
Pentachlorophenol	1660			1510	ug/kg		91	(36%-111%)		
Phenanthrene	1660			1480	ug/kg		89	(50%-114%)		
Phenol	1660			1530	ug/kg		92	(46%-107%)		
Pyrene	1660			1600	ug/kg		96	(53%-122%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
bis(2-Chloro-1-methylethyl)ether	1660			1430	ug/kg		87	(31%-142%)	LL2	04/06/26 15:09
bis(2-Chloroethoxy)methane	1660			1540	ug/kg		93	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1500	ug/kg		90	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			1540	ug/kg		93	(50%-134%)		
m,p-Cresols	1660			1520	ug/kg		92	(46%-106%)		
m-Nitroaniline	1660			1330	ug/kg		80	(41%-108%)		
o-Cresol	1660			1480	ug/kg		89	(45%-105%)		
o-Nitroaniline	1660			1490	ug/kg		90	(48%-117%)		
p-Nitroaniline	1660			1580	ug/kg		96	(49%-119%)		
**2,4,6-Tribromophenol	3320			3080	ug/kg		93	(20%-104%)		
**2-Fluorobiphenyl	1660			1370	ug/kg		83	(20%-93%)		
**2-Fluorophenol	3320			2970	ug/kg		90	(19%-94%)		
**Nitrobenzene-d5	1660			1390	ug/kg		84	(19%-90%)		
**Phenol-d5	3320			2980	ug/kg		90	(20%-99%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
**p-Terphenyl-d14	1660			1490	ug/kg		90	(24%-107%)	LL2	04/06/26 15:09
QC1206426482 LCSD										
1,1'-Biphenyl	1660			1210	ug/kg	12	73	(0%-30%)		04/06/26 15:32
1,2,4,5-Tetrachlorobenzene	1660			1200	ug/kg	12	72	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1660			1360	ug/kg	7	82	(0%-30%)		
2,4,5-Trichlorophenol	1660			1380	ug/kg	10	83	(0%-30%)		
2,4,6-Trichlorophenol	1660			1390	ug/kg	9	84	(0%-30%)		
2,4-Dichlorophenol	1660			1360	ug/kg	12	82	(0%-30%)		
2,4-Dimethylphenol	1660			977	ug/kg	12	59	(0%-30%)		
2,4-Dinitrophenol	1660			1050	ug/kg	6	63	(0%-30%)		
2,4-Dinitrotoluene	1660			1470	ug/kg	8	89	(0%-30%)		
2,6-Dinitrotoluene	1660			1470	ug/kg	5	89	(0%-30%)		
2-Chloronaphthalene	1660			1330	ug/kg	12	80	(0%-30%)		
2-Chlorophenol	1660			1310	ug/kg	15	79	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1660			1260	ug/kg	4	76	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
2-Methylnaphthalene	1660			1460	ug/kg	13	88	(0%-30%)	LL2	04/06/26 15:32
2-Nitrophenol	1660			1360	ug/kg	12	82	(0%-30%)		
3,3'-Dichlorobenzidine	1660			1070	ug/kg	3	64	(0%-30%)		
4-Bromophenylphenylether	1660			1440	ug/kg	8	86	(0%-30%)		
4-Chloro-3-methylphenol	1660			1410	ug/kg	9	85	(0%-30%)		
4-Chloroaniline	1660			998	ug/kg	17	60	(0%-30%)		
4-Chlorophenylphenylether	1660			1430	ug/kg	10	86	(0%-30%)		
4-Nitrophenol	1660			1460	ug/kg	6	88	(0%-30%)		
Acenaphthene	1660			1330	ug/kg	12	80	(0%-30%)		
Acenaphthylene	1660			1230	ug/kg	11	74	(0%-30%)		
Acetophenone	1660			1080	ug/kg	15	65	(0%-30%)		
Anthracene	1660			1400	ug/kg	9	84	(0%-30%)		
Atrazine	1660			1480	ug/kg	0	89	(0%-30%)		
Benzaldehyde	1660		J	201	ug/kg	3	12*	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Benzo(a)anthracene	1660			1340	ug/kg	7	81	(0%-30%)	LL2	04/06/26 15:32
Benzo(a)pyrene	1660			1340	ug/kg	8	81	(0%-30%)		
Benzo(b)fluoranthene	1660			1430	ug/kg	10	86	(0%-30%)		
Benzo(ghi)perylene	1660			1430	ug/kg	7	86	(0%-30%)		
Benzo(k)fluoranthene	1660			1450	ug/kg	4	88	(0%-30%)		
Butylbenzylphthalate	1660			1540	ug/kg	5	93	(0%-30%)		
Carbazole	1660			1430	ug/kg	7	86	(0%-30%)		
Chrysene	1660			1340	ug/kg	8	81	(0%-30%)		
Di-n-butylphthalate	1660			1510	ug/kg	6	91	(0%-30%)		
Di-n-octylphthalate	1660			1480	ug/kg	5	89	(0%-30%)		
Dibenzo(a,h)anthracene	1660			1380	ug/kg	8	83	(0%-30%)		
Dibenzofuran	1660			1350	ug/kg	12	82	(0%-30%)		
Diethylphthalate	1660			1430	ug/kg	9	86	(0%-30%)		
Dimethylphthalate	1660			1410	ug/kg	8	85	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Diphenylamine	1660			1400	ug/kg	8	84	(0%-30%)	LL2	04/06/26 15:32
Fluoranthene	1660			1480	ug/kg	7	89	(0%-30%)		
Fluorene	1660			1380	ug/kg	10	83	(0%-30%)		
Hexachlorobenzene	1660			1410	ug/kg	9	85	(0%-30%)		
Hexachlorobutadiene	1660			1280	ug/kg	15	77	(0%-30%)		
Hexachlorocyclopentadiene	1660			808	ug/kg	13	49	(0%-30%)		
Hexachloroethane	1660			1160	ug/kg	18	70	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1660			1410	ug/kg	7	85	(0%-30%)		
Isophorone	1660			1240	ug/kg	12	74	(0%-30%)		
N-Nitrosodipropylamine	1660			1330	ug/kg	17	80	(0%-30%)		
Naphthalene	1660			1280	ug/kg	15	77	(0%-30%)		
Nitrobenzene	1660			1320	ug/kg	12	80	(0%-30%)		
Pentachlorophenol	1660			1450	ug/kg	4	87	(0%-30%)		
Phenanthrene	1660			1370	ug/kg	8	83	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2972177											
Phenol	1660			1310	ug/kg	15	79	(0%-30%)	LL2	04/06/26	15:32
Pyrene	1660			1480	ug/kg	8	89	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	1660			1220	ug/kg	16	73	(0%-30%)			
bis(2-Chloroethoxy)methane	1660			1350	ug/kg	13	81	(0%-30%)			
bis(2-Chloroethyl) ether	1660			1280	ug/kg	16	77	(0%-30%)			
bis(2-Ethylhexyl)phthalate	1660			1480	ug/kg	4	89	(0%-30%)			
m,p-Cresols	1660			1330	ug/kg	14	80	(0%-30%)			
m-Nitroaniline	1660			1200	ug/kg	10	73	(0%-30%)			
o-Cresol	1660			1290	ug/kg	13	78	(0%-30%)			
o-Nitroaniline	1660			1390	ug/kg	7	83	(0%-30%)			
p-Nitroaniline	1660			1490	ug/kg	6	90	(0%-30%)			
**2,4,6-Tribromophenol	3320			2870	ug/kg		86	(20%-104%)			
**2-Fluorobiphenyl	1660			1240	ug/kg		75	(20%-93%)			
**2-Fluorophenol	3320			2590	ug/kg		78	(19%-94%)			

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
**Nitrobenzene-d5	1660			1240	ug/kg		75	(19%-90%)	LL2	04/06/26 15:32
**Phenol-d5	3320			2590	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1400	ug/kg		84	(24%-107%)		
QC1206426480 MB										
1,1'-Biphenyl			U	ND	ug/kg					04/06/26 14:46
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
2-Chlorophenol			U	ND	ug/kg				LL2	04/06/26 14:46
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Atrazine			U	ND	ug/kg				LL2	04/06/26 14:46
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Diethylphthalate			U	ND	ug/kg				LL2	04/06/26 14:46
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
Pentachlorophenol			U	ND	ug/kg				LL2	04/06/26 14:46
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			2750	ug/kg		83	(20%-104%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2972177										
**2-Fluorobiphenyl	1660			1270	ug/kg		77	(20%-93%)	LL2	04/06/26 14:46
**2-Fluorophenol	3320			2650	ug/kg		80	(19%-94%)		
**Nitrobenzene-d5	1660			1230	ug/kg		74	(19%-90%)		
**Phenol-d5	3320			2620	ug/kg		79	(20%-99%)		
**p-Terphenyl-d14	1660			1430	ug/kg		86	(24%-107%)		
Batch 2973562										
QC1206429693 LCS										
1,1'-Biphenyl	1660			1120	ug/kg		67	(47%-110%)	BM1	04/08/26 14:28
1,2,4,5-Tetrachlorobenzene	1660			1070	ug/kg		64	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660			1100	ug/kg		66	(44%-114%)		
2,4,5-Trichlorophenol	1660			1220	ug/kg		73	(50%-121%)		
2,4,6-Trichlorophenol	1660			1160	ug/kg		70	(48%-112%)		
2,4-Dichlorophenol	1660			1170	ug/kg		70	(47%-112%)		
2,4-Dimethylphenol	1660			825	ug/kg		50	(32%-74%)		
2,4-Dinitrophenol	1660			745	ug/kg		45	(22%-89%)		
2,4-Dinitrotoluene	1660			1250	ug/kg		75	(49%-121%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
2,6-Dinitrotoluene	1660			1220	ug/kg		74	(47%-118%)	BM1	04/08/26 14:28
2-Chloronaphthalene	1660			1130	ug/kg		68	(44%-107%)		
2-Chlorophenol	1660			1210	ug/kg		73	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			877	ug/kg		53	(21%-106%)		
2-Methylnaphthalene	1660			1210	ug/kg		73	(47%-109%)		
2-Nitrophenol	1660			1170	ug/kg		71	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1050	ug/kg		63	(39%-100%)		
4-Bromophenylphenylether	1660			1160	ug/kg		70	(50%-120%)		
4-Chloro-3-methylphenol	1660			1270	ug/kg		76	(50%-114%)		
4-Chloroaniline	1660			950	ug/kg		57	(38%-96%)		
4-Chlorophenylphenylether	1660			1170	ug/kg		71	(50%-118%)		
4-Nitrophenol	1660			1240	ug/kg		75	(46%-120%)		
Acenaphthene	1660			1140	ug/kg		69	(45%-112%)		
Acenaphthylene	1660			1050	ug/kg		63	(43%-106%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
Acetophenone	1660			1070	ug/kg		65	(35%-100%)	BM1	04/08/26 14:28
Anthracene	1660			1190	ug/kg		72	(50%-115%)		
Atrazine	1660			1240	ug/kg		75	(51%-144%)		
Benzaldehyde	1660		J	204	ug/kg		12*	(21%-89%)		
Benzo(a)anthracene	1660			1200	ug/kg		72	(51%-117%)		
Benzo(a)pyrene	1660			1190	ug/kg		72	(48%-118%)		
Benzo(b)fluoranthene	1660			1250	ug/kg		75	(51%-121%)		
Benzo(ghi)perylene	1660			1220	ug/kg		74	(51%-125%)		
Benzo(k)fluoranthene	1660			1240	ug/kg		75	(50%-124%)		
Butylbenzylphthalate	1660			1470	ug/kg		88	(51%-133%)		
Carbazole	1660			1230	ug/kg		74	(53%-119%)		
Chrysene	1660			1150	ug/kg		69	(52%-116%)		
Di-n-butylphthalate	1660			1360	ug/kg		82	(54%-126%)		
Di-n-octylphthalate	1660			1440	ug/kg		87	(50%-133%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
Dibenzo(a,h)anthracene	1660			1210	ug/kg		73	(48%-120%)	BM1	04/08/26 14:28
Dibenzofuran	1660			1160	ug/kg		70	(50%-110%)		
Diethylphthalate	1660			1250	ug/kg		75	(52%-123%)		
Dimethylphthalate	1660			1190	ug/kg		72	(49%-124%)		
Diphenylamine	1660			1190	ug/kg		72	(51%-115%)		
Fluoranthene	1660			1220	ug/kg		73	(52%-121%)		
Fluorene	1660			1170	ug/kg		71	(50%-116%)		
Hexachlorobenzene	1660			1120	ug/kg		67	(48%-117%)		
Hexachlorobutadiene	1660			1060	ug/kg		64	(40%-105%)		
Hexachlorocyclopentadiene	1660			451	ug/kg		27	(26%-82%)		
Hexachloroethane	1660			1080	ug/kg		65	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1260	ug/kg		76	(47%-123%)		
Isophorone	1660			1150	ug/kg		69	(37%-120%)		
N-Nitrosodipropylamine	1660			1300	ug/kg		78	(46%-113%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
Naphthalene	1660			1110	ug/kg		67	(44%-105%)	BM1	04/08/26 14:28
Nitrobenzene	1660			1210	ug/kg		73	(44%-106%)		
Pentachlorophenol	1660			1060	ug/kg		64	(36%-111%)		
Phenanthrene	1660			1180	ug/kg		71	(50%-114%)		
Phenol	1660			1340	ug/kg		81	(46%-107%)		
Pyrene	1660			1220	ug/kg		73	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1250	ug/kg		75	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1210	ug/kg		73	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1190	ug/kg		72	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			1440	ug/kg		87	(50%-134%)		
m,p-Cresols	1660			1240	ug/kg		75	(46%-106%)		
m-Nitroaniline	1660			1120	ug/kg		67	(41%-108%)		
o-Cresol	1660			1210	ug/kg		73	(45%-105%)		
o-Nitroaniline	1660			1300	ug/kg		78	(48%-117%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2973562											
p-Nitroaniline	1660			1170	ug/kg		71	(49%-119%)	BM1	04/08/26	14:28
**2,4,6-Tribromophenol	3320			2210	ug/kg		67	(20%-104%)			
**2-Fluorobiphenyl	1660			1080	ug/kg		65	(20%-93%)			
**2-Fluorophenol	3320			2460	ug/kg		74	(19%-94%)			
**Nitrobenzene-d5	1660			1110	ug/kg		67	(19%-90%)			
**Phenol-d5	3320			2410	ug/kg		73	(20%-99%)			
**p-Terphenyl-d14	1660			1130	ug/kg		68	(24%-107%)			
QC1206429692 MB											
1,1'-Biphenyl			U	ND	ug/kg					04/08/26	14:10
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg						
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg						
2,4,5-Trichlorophenol			U	ND	ug/kg						
2,4,6-Trichlorophenol			U	ND	ug/kg						
2,4-Dichlorophenol			U	ND	ug/kg						
2,4-Dimethylphenol			U	ND	ug/kg						

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
2,4-Dinitrophenol			U	ND	ug/kg				BM1	04/08/26 14:10
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
Acenaphthene			U	ND	ug/kg				BM1	04/08/26 14:10
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
Di-n-butylphthalate			U	ND	ug/kg				BM1	04/08/26 14:10
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973562										
Isophorone			U	ND	ug/kg				BM1	04/08/26 14:10
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973562											
o-Cresol				U	ND	ug/kg				BM1	04/08/26 14:10
o-Nitroaniline				U	ND	ug/kg					
p-Nitroaniline				U	ND	ug/kg					
**2,4,6-Tribromophenol	3310				2650	ug/kg		80	(20%-104%)		
**2-Fluorobiphenyl	1660				1440	ug/kg		87	(20%-93%)		
**2-Fluorophenol	3310				3150	ug/kg		95*	(19%-94%)		
**Nitrobenzene-d5	1660				1510	ug/kg		91*	(19%-90%)		
**Phenol-d5	3310				3050	ug/kg		92	(20%-99%)		
**p-Terphenyl-d14	1660				1410	ug/kg		85	(24%-107%)		
QC1206428780 770982001 MS											
1,1'-Biphenyl	2040	U	ND		1460	ug/kg		72	(16%-112%)		04/08/26 15:31
1,2,4,5-Tetrachlorobenzene	2040	U	ND		1350	ug/kg		66	(16%-106%)		
2,3,4,6-Tetrachlorophenol	2040	U	ND		1410	ug/kg		69	(15%-114%)		
2,4,5-Trichlorophenol	2040	U	ND		1560	ug/kg		77	(16%-122%)		
2,4,6-Trichlorophenol	2040	U	ND		1460	ug/kg		72	(16%-112%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973562												
2,4-Dichlorophenol	2040	U	ND		1450	ug/kg		71	(15%-112%)	BM1	04/08/26	15:31
2,4-Dimethylphenol	2040	U	ND		1010	ug/kg		49	(17%-73%)			
2,4-Dinitrophenol	2040	U	ND		876	ug/kg		43	(19%-117%)			
2,4-Dinitrotoluene	2040	U	ND		1600	ug/kg		78	(15%-119%)			
2,6-Dinitrotoluene	2040	U	ND		1580	ug/kg		77	(14%-119%)			
2-Chloronaphthalene	2040	U	ND		1450	ug/kg		71	(15%-108%)			
2-Chlorophenol	2040	U	ND		1480	ug/kg		72	(17%-104%)			
2-Methyl-4,6-dinitrophenol	2040	U	ND		1180	ug/kg		58	(10%-120%)			
2-Methylnaphthalene	2040	U	ND		1500	ug/kg		74	(16%-108%)			
2-Nitrophenol	2040	U	ND		1470	ug/kg		72	(14%-107%)			
3,3'-Dichlorobenzidine	2040	U	ND		1150	ug/kg		56	(13%-95%)			
4-Bromophenylphenylether	2040	U	ND		1500	ug/kg		74	(16%-122%)			
4-Chloro-3-methylphenol	2040	U	ND		1560	ug/kg		76	(17%-116%)			
4-Chloroaniline	2040	U	ND		1070	ug/kg		52	(16%-91%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973562												
4-Chlorophenylphenylether	2040	U	ND		1530	ug/kg		75	(16%-120%)	BM1	04/08/26	15:31
4-Nitrophenol	2040	U	ND		1600	ug/kg		78	(14%-122%)			
Acenaphthene	2040	U	ND		1480	ug/kg		72	(15%-114%)			
Acenaphthylene	2040	U	ND		1390	ug/kg		68	(16%-107%)			
Acetophenone	2040	U	ND		1420	ug/kg		70	(16%-97%)			
Anthracene	2040	U	ND		1570	ug/kg		77	(16%-119%)			
Atrazine	2040	U	ND		1700	ug/kg		83	(12%-144%)			
Benzaldehyde	2040	U	ND		741	ug/kg		36	(12%-103%)			
Benzo(a)anthracene	2040	U	ND		1620	ug/kg		79	(16%-120%)			
Benzo(a)pyrene	2040	U	ND		1570	ug/kg		77	(16%-119%)			
Benzo(b)fluoranthene	2040	U	ND		1710	ug/kg		84	(16%-123%)			
Benzo(ghi)perylene	2040	U	ND		1690	ug/kg		83	(15%-127%)			
Benzo(k)fluoranthene	2040	U	ND		1610	ug/kg		79	(16%-126%)			
Butylbenzylphthalate	2040	U	ND		1910	ug/kg		93	(14%-135%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973562											
Carbazole	2040	U	ND		1630	ug/kg		80	(16%-123%)	BM1	04/08/26 15:31
Chrysene	2040	U	ND		1580	ug/kg		77	(17%-119%)		
Di-n-butylphthalate	2040	U	ND		1780	ug/kg		87	(16%-129%)		
Di-n-octylphthalate	2040	U	ND		1850	ug/kg		90	(16%-134%)		
Dibenzo(a,h)anthracene	2040	U	ND		1640	ug/kg		80	(16%-120%)		
Dibenzofuran	2040	U	ND		1510	ug/kg		74	(17%-114%)		
Diethylphthalate	2040	U	ND		1590	ug/kg		78	(16%-124%)		
Dimethylphthalate	2040	U	ND		1540	ug/kg		75	(16%-123%)		
Diphenylamine	2040	U	ND		1540	ug/kg		75	(18%-116%)		
Fluoranthene	2040	U	ND		1580	ug/kg		78	(17%-124%)		
Fluorene	2040	U	ND		1510	ug/kg		74	(16%-119%)		
Hexachlorobenzene	2040	U	ND		1470	ug/kg		72	(18%-117%)		
Hexachlorobutadiene	2040	U	ND		1290	ug/kg		63	(15%-101%)		
Hexachlorocyclopentadiene	2040	U	ND		495	ug/kg		24	(16%-60%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973562												
Hexachloroethane	2040	U	ND		1350	ug/kg		66	(16%-87%)	BM1	04/08/26	15:31
Indeno(1,2,3-cd)pyrene	2040	U	ND		1670	ug/kg		82	(14%-125%)			
Isophorone	2040	U	ND		1460	ug/kg		72	(12%-116%)			
N-Nitrosodipropylamine	2040	U	ND		1630	ug/kg		80	(14%-113%)			
Naphthalene	2040	U	ND		1400	ug/kg		68	(15%-105%)			
Nitrobenzene	2040	U	ND		1530	ug/kg		75	(15%-105%)			
Pentachlorophenol	2040	U	ND		1320	ug/kg		64	(11%-115%)			
Phenanthrene	2040	U	ND		1570	ug/kg		77	(15%-120%)			
Phenol	2040	U	ND		1620	ug/kg		79	(16%-107%)			
Pyrene	2040	U	ND		1640	ug/kg		80	(15%-127%)			
bis(2-Chloro-1-methylethyl)ether	2040	U	ND		1550	ug/kg		76	(10%-110%)			
bis(2-Chloroethoxy)methane	2040	U	ND		1520	ug/kg		74	(16%-105%)			
bis(2-Chloroethyl) ether	2040	U	ND		1490	ug/kg		73	(14%-106%)			
bis(2-Ethylhexyl)phthalate	2040	U	ND		1860	ug/kg		91	(15%-135%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2973562												
m,p-Cresols	2040	U	ND		1520	ug/kg			74	(17%-106%)	BM1	04/08/26 15:31
m-Nitroaniline	2040	U	ND		1400	ug/kg			69	(15%-103%)		
o-Cresol	2040	U	ND		1460	ug/kg			71	(17%-104%)		
o-Nitroaniline	2040	U	ND		1670	ug/kg			82	(16%-116%)		
p-Nitroaniline	2040	U	ND		1490	ug/kg			73	(12%-118%)		
**2,4,6-Tribromophenol	4090		2120		2800	ug/kg			68	(20%-104%)		
**2-Fluorobiphenyl	2040		959		1350	ug/kg			66	(20%-93%)		
**2-Fluorophenol	4090		2270		3010	ug/kg			74	(19%-94%)		
**Nitrobenzene-d5	2040		1020		1380	ug/kg			67	(19%-90%)		
**Phenol-d5	4090		2330		3040	ug/kg			74	(20%-99%)		
**p-Terphenyl-d14	2040		1290		1450	ug/kg			71	(24%-107%)		
QC1206428781 770982001 MSD												
1,1'-Biphenyl	2040	U	ND		1050	ug/kg	33	*	51	(0%-30%)		04/08/26 15:55
1,2,4,5-Tetrachlorobenzene	2040	U	ND		968	ug/kg	33	*	47	(0%-30%)		
2,3,4,6-Tetrachlorophenol	2040	U	ND		1090	ug/kg	25		53	(0%-30%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2973562													
2,4,5-Trichlorophenol	2040	U	ND		1210	ug/kg	26		59	(0%-30%)	BM1	04/08/26	15:55
2,4,6-Trichlorophenol	2040	U	ND		1150	ug/kg	24		56	(0%-30%)			
2,4-Dichlorophenol	2040	U	ND		1130	ug/kg	24		55	(0%-30%)			
2,4-Dimethylphenol	2040	U	ND		789	ug/kg	24		39	(0%-30%)			
2,4-Dinitrophenol	2040	U	ND	J	765	ug/kg	14		37	(0%-30%)			
2,4-Dinitrotoluene	2040	U	ND		1220	ug/kg	27		60	(0%-30%)			
2,6-Dinitrotoluene	2040	U	ND		1190	ug/kg	28		58	(0%-30%)			
2-Chloronaphthalene	2040	U	ND		1040	ug/kg	32	*	51	(0%-30%)			
2-Chlorophenol	2040	U	ND		1170	ug/kg	23		57	(0%-30%)			
2-Methyl-4,6-dinitrophenol	2040	U	ND		868	ug/kg	30		42	(0%-30%)			
2-Methylnaphthalene	2040	U	ND		1120	ug/kg	29		55	(0%-30%)			
2-Nitrophenol	2040	U	ND		1080	ug/kg	30		53	(0%-30%)			
3,3'-Dichlorobenzidine	2040	U	ND		902	ug/kg	24		44	(0%-30%)			
4-Bromophenylphenylether	2040	U	ND		1160	ug/kg	26		57	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973562												
4-Chloro-3-methylphenol	2040	U	ND		1240	ug/kg	23	61	(0%-30%)	BM1	04/08/26	15:55
4-Chloroaniline	2040	U	ND		1000	ug/kg	7	49	(0%-30%)			
4-Chlorophenylphenylether	2040	U	ND		1140	ug/kg	30	56	(0%-30%)			
4-Nitrophenol	2040	U	ND		1240	ug/kg	25	61	(0%-30%)			
Acenaphthene	2040	U	ND		1130	ug/kg	27	55	(0%-30%)			
Acenaphthylene	2040	U	ND		1040	ug/kg	29	51	(0%-30%)			
Acetophenone	2040	U	ND		1100	ug/kg	26	54	(0%-30%)			
Anthracene	2040	U	ND		1220	ug/kg	25	60	(0%-30%)			
Atrazine	2040	U	ND		1380	ug/kg	21	67	(0%-30%)			
Benzaldehyde	2040	U	ND		665	ug/kg	11	33	(0%-30%)			
Benzo(a)anthracene	2040	U	ND		1240	ug/kg	26	61	(0%-30%)			
Benzo(a)pyrene	2040	U	ND		1210	ug/kg	26	59	(0%-30%)			
Benzo(b)fluoranthene	2040	U	ND		1270	ug/kg	29	62	(0%-30%)			
Benzo(ghi)perylene	2040	U	ND		1280	ug/kg	28	63	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973562												
Benzo(k)fluoranthene	2040	U	ND		1260	ug/kg	24	62	(0%-30%)	BM1	04/08/26	15:55
Butylbenzylphthalate	2040	U	ND		1460	ug/kg	27	71	(0%-30%)			
Carbazole	2040	U	ND		1280	ug/kg	24	63	(0%-30%)			
Chrysene	2040	U	ND		1210	ug/kg	27	59	(0%-30%)			
Di-n-butylphthalate	2040	U	ND		1390	ug/kg	25	68	(0%-30%)			
Di-n-octylphthalate	2040	U	ND		1440	ug/kg	25	70	(0%-30%)			
Dibenzo(a,h)anthracene	2040	U	ND		1230	ug/kg	29	60	(0%-30%)			
Dibenzofuran	2040	U	ND		1130	ug/kg	29	55	(0%-30%)			
Diethylphthalate	2040	U	ND		1230	ug/kg	25	60	(0%-30%)			
Dimethylphthalate	2040	U	ND		1190	ug/kg	26	58	(0%-30%)			
Diphenylamine	2040	U	ND		1220	ug/kg	23	60	(0%-30%)			
Fluoranthene	2040	U	ND		1280	ug/kg	21	63	(0%-30%)			
Fluorene	2040	U	ND		1140	ug/kg	28	56	(0%-30%)			
Hexachlorobenzene	2040	U	ND		1110	ug/kg	28	54	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2973562													
Hexachlorobutadiene	2040	U	ND		927	ug/kg	32	*	45	(0%-30%)	BM1	04/08/26	15:55
Hexachlorocyclopentadiene	2040	U	ND	J	328	ug/kg	41	*	16	(0%-30%)			
Hexachloroethane	2040	U	ND		932	ug/kg	37	*	46	(0%-30%)			
Indeno(1,2,3-cd)pyrene	2040	U	ND		1270	ug/kg	27		62	(0%-30%)			
Isophorone	2040	U	ND		1100	ug/kg	29		54	(0%-30%)			
N-Nitrosodipropylamine	2040	U	ND		1270	ug/kg	25		62	(0%-30%)			
Naphthalene	2040	U	ND		1030	ug/kg	30		50	(0%-30%)			
Nitrobenzene	2040	U	ND		1150	ug/kg	29		56	(0%-30%)			
Pentachlorophenol	2040	U	ND		1070	ug/kg	21		52	(0%-30%)			
Phenanthrene	2040	U	ND		1210	ug/kg	26		59	(0%-30%)			
Phenol	2040	U	ND		1310	ug/kg	21		64	(0%-30%)			
Pyrene	2040	U	ND		1280	ug/kg	24		63	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	2040	U	ND		1130	ug/kg	31	*	55	(0%-30%)			
bis(2-Chloroethoxy)methane	2040	U	ND		1150	ug/kg	28		56	(0%-30%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973562												
bis(2-Chloroethyl) ether	2040	U	ND		1130	ug/kg	28	55	(0%-30%)	BM1	04/08/26	15:55
bis(2-Ethylhexyl)phthalate	2040	U	ND		1450	ug/kg	25	71	(0%-30%)			
m,p-Cresols	2040	U	ND		1200	ug/kg	23	59	(0%-30%)			
m-Nitroaniline	2040	U	ND		1170	ug/kg	18	57	(0%-30%)			
o-Cresol	2040	U	ND		1160	ug/kg	23	57	(0%-30%)			
o-Nitroaniline	2040	U	ND		1290	ug/kg	26	63	(0%-30%)			
p-Nitroaniline	2040	U	ND		1150	ug/kg	26	56	(0%-30%)			
**2,4,6-Tribromophenol	4090		2120		2200	ug/kg		54	(20%-104%)			
**2-Fluorobiphenyl	2040		959		1030	ug/kg		50	(20%-93%)			
**2-Fluorophenol	4090		2270		2480	ug/kg		61	(19%-94%)			
**Nitrobenzene-d5	2040		1020		1100	ug/kg		54	(19%-90%)			
**Phenol-d5	4090		2330		2530	ug/kg		62	(20%-99%)			
**p-Terphenyl-d14	2040		1290		1200	ug/kg		58	(24%-107%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Spectrometric Analysis												
Batch 2971622												
QC1206425704 770021002 DUP												
Hexavalent Chromium		J	0.219	J	0.122	mg/kg	56.7	^		(+/-0.271)	BR2	04/09/26 12:02
QC1206425706 770021004 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/kg	N/A					04/09/26 12:03
QC1206425724 ILCS												
Hexavalent Chromium	7.00				7.02	mg/kg			100	(80%-120%)		04/09/26 12:02
QC1206425703 LCS												
Hexavalent Chromium	3.61				3.56	mg/kg			98.6	(80%-120%)		04/09/26 12:02
QC1206425702 MB												
Hexavalent Chromium				U	ND	mg/kg						04/09/26 12:02
QC1206425705 770021002 MS												
Hexavalent Chromium	2.93	J	0.219		2.00	mg/kg			60.9*	(75%-125%)		04/09/26 12:03
QC1206425707 770021004 MS												
Hexavalent Chromium	3.69	U	ND		0.704	mg/kg			18*	(75%-125%)		04/09/26 12:03
Volatile-GC/MS												
Batch 2972979												
QC1206427782 LCS												
1,1,1-Trichloroethane	50.0				52.2	ug/kg			104	(72%-126%)	PXY1	04/06/26 09:38
1,1,2,2-Tetrachloroethane	50.0				55.1	ug/kg			110	(69%-120%)		
1,1,2-Trichloroethane	50.0				52.0	ug/kg			104	(74%-120%)		
1,1-Dichloroethane	50.0				51.0	ug/kg			102	(72%-126%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
1,1-Dichloroethylene	50.0			55.6	ug/kg		111	(71%-136%)	PXY1	04/06/26 09:38
1,2,3-Trichlorobenzene	50.0			53.1	ug/kg		106	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			54.5	ug/kg		109	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			56.7	ug/kg		113	(60%-135%)		
1,2-Dibromoethane	50.0			52.1	ug/kg		104	(79%-120%)		
1,2-Dichlorobenzene	50.0			51.0	ug/kg		102	(73%-120%)		
1,2-Dichloroethane	50.0			49.5	ug/kg		99	(66%-123%)		
1,2-Dichloropropane	50.0			51.5	ug/kg		103	(72%-120%)		
1,3-Dichlorobenzene	50.0			51.0	ug/kg		102	(72%-120%)		
1,4-Dichlorobenzene	50.0			52.8	ug/kg		106	(72%-120%)		
2-Butanone	250			259	ug/kg		104	(66%-125%)		
2-Hexanone	250			258	ug/kg		103	(64%-131%)		
4-Methyl-2-pentanone	250			253	ug/kg		101	(70%-126%)		
Acetone	250			256	ug/kg		103	(60%-124%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
Benzene	50.0			52.5	ug/kg		105	(73%-120%)	PXY1	04/06/26 09:38
Bromochloromethane	50.0			52.3	ug/kg		105	(73%-123%)		
Bromodichloromethane	50.0			50.2	ug/kg		100	(74%-124%)		
Bromoform	50.0			53.2	ug/kg		106	(64%-126%)		
Bromomethane	50.0			50.1	ug/kg		100	(67%-138%)		
Carbon disulfide	250			259	ug/kg		104	(69%-136%)		
Carbon tetrachloride	50.0			53.2	ug/kg		106	(72%-132%)		
Chlorobenzene	50.0			50.2	ug/kg		100	(74%-120%)		
Chloroethane	50.0			51.1	ug/kg		102	(69%-133%)		
Chloroform	50.0			52.0	ug/kg		104	(72%-122%)		
Chloromethane	50.0			54.8	ug/kg		110	(53%-142%)		
Cyclohexane	50.0			51.8	ug/kg		104	(63%-130%)		
Dibromochloromethane	50.0			52.8	ug/kg		106	(73%-125%)		
Dichlorodifluoromethane	50.0			57.0	ug/kg		114	(57%-150%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
Ethylbenzene	50.0			50.9	ug/kg		102	(72%-120%)	PXY1	04/06/26 09:38
Isopropylbenzene	50.0			49.8	ug/kg		100	(74%-129%)		
Methyl acetate	250			267	ug/kg		107	(66%-131%)		
Methylcyclohexane	50.0			53.8	ug/kg		108	(71%-127%)		
Methylene chloride	50.0			53.8	ug/kg		108	(71%-124%)		
Styrene	50.0			51.2	ug/kg		102	(70%-123%)		
Tetrachloroethylene	50.0			51.7	ug/kg		103	(68%-126%)		
Toluene	50.0			49.3	ug/kg		99	(73%-120%)		
Trichloroethylene	50.0			53.0	ug/kg		106	(74%-122%)		
Trichlorofluoromethane	50.0			52.1	ug/kg		104	(66%-137%)		
Vinyl chloride	50.0			52.5	ug/kg		105	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			52.9	ug/kg		106	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			53.5	ug/kg		107	(74%-123%)		
m,p-Xylenes	100			106	ug/kg		106	(72%-121%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2972979											
o-Xylene	50.0			51.4	ug/kg		103	(73%-120%)	PXY1	04/06/26	09:38
tert-Butyl methyl ether	50.0			48.9	ug/kg		98	(63%-128%)			
trans-1,2-Dichloroethylene	50.0			55.1	ug/kg		110	(72%-126%)			
trans-1,3-Dichloropropylene	50.0			48.6	ug/kg		97	(74%-125%)			
**1,2-Dichloroethane-d4	50.0			48.1	ug/L		96	(75%-131%)			
**Bromofluorobenzene	50.0			48.2	ug/L		96	(67%-136%)			
**Toluene-d8	50.0			48.3	ug/L		97	(79%-122%)			
QC1206427783 LCS											
1,4-Dioxane	2500			2290	ug/kg		92	(57%-134%)		04/06/26	10:32
Trichlorotrifluoroethane	250			235	ug/kg		94	(59%-136%)			
**1,2-Dichloroethane-d4	50.0			48.1	ug/L		96	(75%-131%)			
**Bromofluorobenzene	50.0			47.0	ug/L		94	(67%-136%)			
**Toluene-d8	50.0			52.1	ug/L		104	(79%-122%)			
QC1206427784 MB											
1,1,1-Trichloroethane			U	ND	ug/kg					04/06/26	11:52
1,1,2,2-Tetrachloroethane			U	ND	ug/kg						

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
1,1,2-Trichloroethane			U	ND	ug/kg				PXY1	04/06/26 11:52
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
2-Hexanone			U	ND	ug/kg				PXY1	04/06/26 11:52
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
Cyclohexane			U	ND	ug/kg				PXY1	04/06/26 11:52
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
Vinyl chloride			U	ND	ug/kg				PXY1	04/06/26 11:52
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			50.0	ug/L		100	(75%-131%)		
**Bromofluorobenzene	50.0			49.6	ug/L		99	(67%-136%)		
**Toluene-d8	50.0			51.0	ug/L		102	(79%-122%)		
QC1206427786 770676001 MS										
1,1,1-Trichloroethane	5000	U	ND	4130	ug/kg		83	(41%-133%)		04/06/26 19:47
1,1,2,2-Tetrachloroethane	5000	U	ND	4190	ug/kg		84	(37%-136%)		
1,1,2-Trichloroethane	5000	U	ND	4670	ug/kg		93	(44%-128%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2972979												
1,1-Dichloroethane	5000	U	ND		4550	ug/kg		91	(44%-135%)	PXY1	04/06/26	19:47
1,1-Dichloroethylene	5000	U	ND		3820	ug/kg		76	(40%-147%)			
1,2,3-Trichlorobenzene	5000	U	ND		3750	ug/kg		75	(30%-133%)			
1,2,4-Trichlorobenzene	5000	U	ND		3640	ug/kg		73	(29%-139%)			
1,2-Dibromo-3-chloropropane	5000	U	ND		3620	ug/kg		72	(30%-142%)			
1,2-Dibromoethane	5000	U	ND		4550	ug/kg		91	(45%-133%)			
1,2-Dichlorobenzene	5000	U	ND		3830	ug/kg		77	(24%-133%)			
1,2-Dichloroethane	5000	U	ND		4720	ug/kg		94	(43%-129%)			
1,2-Dichloropropane	5000	U	ND		4710	ug/kg		94	(44%-128%)			
1,3-Dichlorobenzene	5000	U	ND		3660	ug/kg		73	(24%-132%)			
1,4-Dichlorobenzene	5000	U	ND		3740	ug/kg		75	(24%-132%)			
2-Butanone	25000	U	ND		21300	ug/kg		85	(43%-134%)			
2-Hexanone	25000	U	ND		21100	ug/kg		84	(34%-142%)			
4-Methyl-2-pentanone	25000	U	ND		20900	ug/kg		83	(44%-137%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972979											
Acetone	25000	U	ND		19900	ug/kg		79	(37%-134%)	PXY1	04/06/26 19:47
Benzene	5000	U	ND		4540	ug/kg		91	(43%-127%)		
Bromochloromethane	5000	U	ND		4710	ug/kg		94	(45%-132%)		
Bromodichloromethane	5000	U	ND		4620	ug/kg		92	(44%-130%)		
Bromoform	5000	U	ND		3960	ug/kg		79	(34%-131%)		
Bromomethane	5000	U	ND		864	ug/kg		17	(15%-150%)		
Carbon disulfide	25000	U	ND		19800	ug/kg		79	(39%-145%)		
Carbon tetrachloride	5000	U	ND		3890	ug/kg		78	(40%-137%)		
Chlorobenzene	5000	U	ND		4120	ug/kg		82	(35%-128%)		
Chloroethane	5000	U	ND		3290	ug/kg		66	(35%-142%)		
Chloroform	5000	U	ND		4650	ug/kg		93	(44%-129%)		
Chloromethane	5000	U	ND		4700	ug/kg		94	(32%-150%)		
Cyclohexane	5000	U	ND		3780	ug/kg		76	(30%-136%)		
Dibromochloromethane	5000	U	ND		4440	ug/kg		89	(42%-130%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972979											
Dichlorodifluoromethane	5000	U	ND		4160	ug/kg		83	(31%-159%)	PXY1	04/06/26 19:47
Ethylbenzene	5000	U	ND		3890	ug/kg		78	(33%-131%)		
Isopropylbenzene	5000	U	ND		3320	ug/kg		66	(27%-147%)		
Methyl acetate	25000	U	ND		24900	ug/kg		100	(42%-154%)		
Methylcyclohexane	5000	U	ND		4410	ug/kg		88	(27%-137%)		
Methylene chloride	5000	U	ND		4980	ug/kg		100	(43%-136%)		
Styrene	5000	U	ND		4190	ug/kg		84	(29%-133%)		
Tetrachloroethylene	5000	U	ND		3700	ug/kg		74	(31%-134%)		
Toluene	5000	U	ND		4240	ug/kg		85	(35%-132%)		
Trichloroethylene	5000	U	ND		4560	ug/kg		91	(39%-133%)		
Trichlorofluoromethane	5000	U	ND		3830	ug/kg		77	(39%-140%)		
Vinyl chloride	5000	U	ND		4100	ug/kg		82	(32%-146%)		
cis-1,2-Dichloroethylene	5000	U	ND		4850	ug/kg		97	(43%-131%)		
cis-1,3-Dichloropropylene	5000	U	ND		4750	ug/kg		95	(38%-131%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972979											
m,p-Xylenes	10000	U	ND		7570	ug/kg		76	(32%-131%)	PXY1	04/06/26 19:47
o-Xylene	5000	U	ND		4060	ug/kg		81	(33%-131%)		
tert-Butyl methyl ether	5000	U	ND		4900	ug/kg		98	(46%-128%)		
trans-1,2-Dichloroethylene	5000	U	ND		4430	ug/kg		89	(41%-135%)		
trans-1,3-Dichloropropylene	5000	U	ND		4440	ug/kg		89	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		50.3		50.0	ug/L		100	(75%-131%)		
**Bromofluorobenzene	50.0		49.6		47.4	ug/L		95	(67%-136%)		
**Toluene-d8	50.0		49.1		49.8	ug/L		100	(79%-122%)		
QC1206427788 770676001 MS											
1,4-Dioxane	250000	U	ND		240000	ug/kg		96	(40%-142%)		04/06/26 20:40
Trichlorotrifluoroethane	25000	U	ND		18900	ug/kg		76	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		50.3		49.7	ug/L		99	(75%-131%)		
**Bromofluorobenzene	50.0		49.6		49.2	ug/L		98	(67%-136%)		
**Toluene-d8	50.0		49.1		49.5	ug/L		99	(79%-122%)		
QC1206427787 770676001 MSD											
1,1,1-Trichloroethane	5000	U	ND		3940	ug/kg	5	79	(0%-20%)		04/06/26 20:13

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972979											
1,1,2,2-Tetrachloroethane	5000	U	ND		4260	ug/kg	1	85	(0%-20%)	PXY1	04/06/26 20:13
1,1,2-Trichloroethane	5000	U	ND		4690	ug/kg	0	94	(0%-20%)		
1,1-Dichloroethane	5000	U	ND		4450	ug/kg	2	89	(0%-20%)		
1,1-Dichloroethylene	5000	U	ND		3840	ug/kg	1	77	(0%-20%)		
1,2,3-Trichlorobenzene	5000	U	ND		3740	ug/kg	0	75	(0%-20%)		
1,2,4-Trichlorobenzene	5000	U	ND		3510	ug/kg	4	70	(0%-20%)		
1,2-Dibromo-3-chloropropane	5000	U	ND		3920	ug/kg	8	78	(0%-20%)		
1,2-Dibromoethane	5000	U	ND		4580	ug/kg	1	92	(0%-20%)		
1,2-Dichlorobenzene	5000	U	ND		3600	ug/kg	6	72	(0%-20%)		
1,2-Dichloroethane	5000	U	ND		4670	ug/kg	1	93	(0%-20%)		
1,2-Dichloropropane	5000	U	ND		4860	ug/kg	3	97	(0%-20%)		
1,3-Dichlorobenzene	5000	U	ND		3300	ug/kg	10	66	(0%-20%)		
1,4-Dichlorobenzene	5000	U	ND		3410	ug/kg	9	68	(0%-20%)		
2-Butanone	25000	U	ND		21300	ug/kg	0	85	(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Volatile-GC/MS													
Batch 2972979													
2-Hexanone	25000	U	ND		20600	ug/kg	3		82	(0%-20%)	PXY1	04/06/26	20:13
4-Methyl-2-pentanone	25000	U	ND		20900	ug/kg	0		84	(0%-20%)			
Acetone	25000	U	ND		19300	ug/kg	3		77	(0%-20%)			
Benzene	5000	U	ND		4470	ug/kg	2		89	(0%-20%)			
Bromochloromethane	5000	U	ND		4830	ug/kg	3		97	(0%-20%)			
Bromodichloromethane	5000	U	ND		4510	ug/kg	2		90	(0%-20%)			
Bromoform	5000	U	ND		4140	ug/kg	4		83	(0%-20%)			
Bromomethane	5000	U	ND		1150	ug/kg	28	*	23	(0%-20%)			
Carbon disulfide	25000	U	ND		19700	ug/kg	1		79	(0%-20%)			
Carbon tetrachloride	5000	U	ND		3660	ug/kg	6		73	(0%-20%)			
Chlorobenzene	5000	U	ND		3880	ug/kg	6		78	(0%-20%)			
Chloroethane	5000	U	ND		3530	ug/kg	7		71	(0%-20%)			
Chloroform	5000	U	ND		4560	ug/kg	2		91	(0%-20%)			
Chloromethane	5000	U	ND		4580	ug/kg	3		92	(0%-20%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972979											
Cyclohexane	5000	U	ND		3520	ug/kg	7	70	(0%-20%)	PXY1	04/06/26 20:13
Dibromochloromethane	5000	U	ND		4400	ug/kg	1	88	(0%-20%)		
Dichlorodifluoromethane	5000	U	ND		4050	ug/kg	3	81	(0%-20%)		
Ethylbenzene	5000	U	ND		3490	ug/kg	11	70	(0%-20%)		
Isopropylbenzene	5000	U	ND		3040	ug/kg	9	61	(0%-20%)		
Methyl acetate	25000	U	ND		25100	ug/kg	1	100	(0%-20%)		
Methylcyclohexane	5000	U	ND		3830	ug/kg	14	77	(0%-20%)		
Methylene chloride	5000	U	ND		4960	ug/kg	1	99	(0%-20%)		
Styrene	5000	U	ND		3910	ug/kg	7	78	(0%-20%)		
Tetrachloroethylene	5000	U	ND		3250	ug/kg	13	65	(0%-20%)		
Toluene	5000	U	ND		4000	ug/kg	6	80	(0%-20%)		
Trichloroethylene	5000	U	ND		4230	ug/kg	8	85	(0%-20%)		
Trichlorofluoromethane	5000	U	ND		3780	ug/kg	1	76	(0%-20%)		
Vinyl chloride	5000	U	ND		4060	ug/kg	1	81	(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2972979											
cis-1,2-Dichloroethylene	5000	U	ND		4760	ug/kg	2	95	(0%-20%)	PXY1	04/06/26 20:13
cis-1,3-Dichloropropylene	5000	U	ND		4780	ug/kg	1	96	(0%-20%)		
m,p-Xylenes	10000	U	ND		6970	ug/kg	8	70	(0%-20%)		
o-Xylene	5000	U	ND		3660	ug/kg	11	73	(0%-20%)		
tert-Butyl methyl ether	5000	U	ND		4890	ug/kg	0	98	(0%-20%)		
trans-1,2-Dichloroethylene	5000	U	ND		4290	ug/kg	3	86	(0%-20%)		
trans-1,3-Dichloropropylene	5000	U	ND		4230	ug/kg	5	85	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		50.3		48.4	ug/L		97	(75%-131%)		
**Bromofluorobenzene	50.0		49.6		49.7	ug/L		99	(67%-136%)		
**Toluene-d8	50.0		49.1		48.6	ug/L		97	(79%-122%)		
QC1206427789 770676001 MSD											
1,4-Dioxane	250000	U	ND		236000	ug/kg	2	94	(0%-20%)		04/06/26 21:06
Trichlorotrifluoroethane	25000	U	ND		18600	ug/kg	2	74	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		50.3		48.6	ug/L		97	(75%-131%)		
**Bromofluorobenzene	50.0		49.6		47.4	ug/L		95	(67%-136%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2972979										
**Toluene-d8	50.0	49.1		50.4	ug/L		101	(79%-122%)	PXY1	04/06/26 21:06
Batch 2973607										
QC1206428852 LCS										
1,1,1-Trichloroethane	50.0			50.0	ug/L		100	(70%-130%)	CO1	04/07/26 09:26
1,1,2,2-Tetrachloroethane	50.0			47.1	ug/L		94	(70%-130%)		
1,1,2-Trichloroethane	50.0			49.2	ug/L		98	(70%-130%)		
1,1-Dichloroethane	50.0			50.7	ug/L		101	(70%-130%)		
1,1-Dichloroethylene	50.0			53.1	ug/L		106	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			45.9	ug/L		92	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			45.9	ug/L		92	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			49.2	ug/L		98	(70%-130%)		
1,2-Dibromoethane	50.0			51.2	ug/L		102	(70%-130%)		
1,2-Dichlorobenzene	50.0			45.8	ug/L		92	(70%-130%)		
1,2-Dichloroethane	50.0			50.7	ug/L		101	(70%-130%)		
1,2-Dichloropropane	50.0			48.9	ug/L		98	(70%-130%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2973607										
1,3-Dichlorobenzene	50.0			45.3	ug/L		91	(70%-130%)	CO1	04/07/26 09:26
1,4-Dichlorobenzene	50.0			44.8	ug/L		90	(70%-130%)		
2-Butanone	250			253	ug/L		101	(70%-130%)		
2-Hexanone	250			257	ug/L		103	(70%-130%)		
4-Methyl-2-pentanone	250			253	ug/L		101	(70%-130%)		
Acetone	250			292	ug/L		117	(70%-130%)		
Benzene	50.0			47.2	ug/L		94	(70%-130%)		
Bromochloromethane	50.0			50.2	ug/L		100	(70%-130%)		
Bromodichloromethane	50.0			50.3	ug/L		101	(70%-130%)		
Bromoform	50.0			49.2	ug/L		98	(70%-130%)		
Bromomethane	50.0			50.7	ug/L		101	(70%-130%)		
Carbon disulfide	250			261	ug/L		105	(70%-130%)		
Carbon tetrachloride	50.0			50.6	ug/L		101	(70%-130%)		
Chlorobenzene	50.0			46.5	ug/L		93	(70%-130%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2973607										
Chloroethane	50.0			53.1	ug/L		106	(70%-130%)	CO1	04/07/26 09:26
Chloroform	50.0			49.4	ug/L		99	(70%-130%)		
Chloromethane	50.0			49.5	ug/L		99	(70%-130%)		
Cyclohexane	50.0			48.5	ug/L		97	(70%-130%)		
Dibromochloromethane	50.0			50.6	ug/L		101	(70%-130%)		
Dichlorodifluoromethane	50.0			52.3	ug/L		105	(70%-130%)		
Ethylbenzene	50.0			47.0	ug/L		94	(70%-130%)		
Isopropylbenzene	50.0			48.1	ug/L		96	(70%-130%)		
Methyl acetate	250			265	ug/L		106	(70%-130%)		
Methylcyclohexane	50.0			48.1	ug/L		96	(70%-130%)		
Methylene chloride	50.0			48.1	ug/L		96	(70%-130%)		
Styrene	50.0			47.2	ug/L		94	(70%-130%)		
Tetrachloroethylene	50.0			46.2	ug/L		92	(70%-130%)		
Toluene	50.0			46.8	ug/L		94	(70%-130%)		

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2973607										
Trichloroethylene	50.0			50.0	ug/L		100	(70%-130%)	CO1	04/07/26 09:26
Trichlorofluoromethane	50.0			48.5	ug/L		97	(70%-130%)		
Vinyl chloride	50.0			50.7	ug/L		101	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			53.6	ug/L		107	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			50.7	ug/L		101	(70%-130%)		
m,p-Xylenes	100			91.9	ug/L		92	(70%-130%)		
o-Xylene	50.0			46.6	ug/L		93	(70%-130%)		
tert-Butyl methyl ether	50.0			49.8	ug/L		100	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			51.1	ug/L		102	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			49.2	ug/L		98	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			52.0	ug/L		104	(71%-131%)		
**Bromofluorobenzene	50.0			49.2	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			50.1	ug/L		100	(77%-121%)		
QC1206428853 LCS										
1,4-Dioxane	2500			2060	ug/L		82	(70%-130%)		04/07/26 10:17

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2973607										
Trichlorotrifluoroethane	250			199	ug/L		80	(70%-130%)	CO1	04/07/26 10:17
**1,2-Dichloroethane-d4	50.0			51.3	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0			51.0	ug/L		102	(77%-123%)		
**Toluene-d8	50.0			49.2	ug/L		98	(77%-121%)		
QC1206428854 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/07/26 11:33
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2973607										
1,2-Dichloroethane			U	ND	ug/L				CO1	04/07/26 11:33
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2973607										
Carbon disulfide			U	ND	ug/L				CO1	04/07/26 11:33
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					

QC Summary

Workorder: **770021**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2973607										
Styrene			U	ND	ug/L				CO1	04/07/26 11:33
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2973607											
**1,2-Dichloroethane-d4	50.0				52.5	ug/L		105	(71%-131%)	CO1	04/07/26 11:33
**Bromofluorobenzene	50.0				51.6	ug/L		103	(77%-123%)		
**Toluene-d8	50.0				51.1	ug/L		102	(77%-121%)		
QC1206428855 769981002 MS											
1,1,1-Trichloroethane	50.0	U	ND		45.7	ug/L		91	(60%-123%)		04/07/26 19:08
1,1,2,2-Tetrachloroethane	50.0	U	ND		45.3	ug/L		91	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		47.3	ug/L		95	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		50.4	ug/L		101	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		53.1	ug/L		106	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		40.4	ug/L		81	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		40.4	ug/L		81	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		43.5	ug/L		87	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		48.4	ug/L		97	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		43.0	ug/L		86	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		51.4	ug/L		103	(58%-130%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2973607												
1,2-Dichloropropane	50.0	U	ND		48.7	ug/L		97	(65%-124%)	CO1	04/07/26	19:08
1,3-Dichlorobenzene	50.0	U	ND		42.4	ug/L		85	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		41.9	ug/L		84	(54%-123%)			
2-Butanone	250	U	ND		254	ug/L		101	(59%-136%)			
2-Hexanone	250	U	ND		253	ug/L		101	(58%-145%)			
4-Methyl-2-pentanone	250	U	ND		245	ug/L		98	(63%-135%)			
Acetone	250	U	ND		260	ug/L		104	(50%-140%)			
Benzene	50.0	U	ND		44.8	ug/L		90	(64%-119%)			
Bromochloromethane	50.0	U	ND		47.6	ug/L		95	(63%-130%)			
Bromodichloromethane	50.0	U	ND		48.4	ug/L		97	(65%-125%)			
Bromoform	50.0	U	ND		44.8	ug/L		90	(49%-129%)			
Bromomethane	50.0	U	ND		53.0	ug/L		106	(55%-154%)			
Carbon disulfide	250	U	ND		253	ug/L		101	(60%-139%)			
Carbon tetrachloride	50.0	U	ND		46.5	ug/L		93	(60%-127%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2973607												
Chlorobenzene	50.0	U	ND		43.6	ug/L		87	(61%-120%)	CO1	04/07/26	19:08
Chloroethane	50.0	U	ND		52.8	ug/L		106	(60%-138%)			
Chloroform	50.0	U	ND		47.3	ug/L		95	(64%-122%)			
Chloromethane	50.0	U	ND		50.8	ug/L		102	(43%-161%)			
Cyclohexane	50.0	U	ND		44.3	ug/L		89	(51%-125%)			
Dibromochloromethane	50.0	U	ND		47.2	ug/L		94	(60%-130%)			
Dichlorodifluoromethane	50.0	U	ND		46.1	ug/L		92	(37%-162%)			
Ethylbenzene	50.0	U	ND		44.2	ug/L		88	(57%-122%)			
Isopropylbenzene	50.0	U	ND		44.5	ug/L		89	(53%-128%)			
Methyl acetate	250	U	ND		249	ug/L		100	(58%-145%)			
Methylcyclohexane	50.0	U	ND		43.7	ug/L		87	(58%-122%)			
Methylene chloride	50.0	J	1.76		49.5	ug/L		95	(61%-135%)			
Styrene	50.0	U	ND		44.5	ug/L		89	(55%-125%)			
Tetrachloroethylene	50.0	U	ND		41.1	ug/L		82	(53%-124%)			

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2973607											
Toluene	50.0	U	ND		44.4	ug/L		89	(60%-120%)	CO1	04/07/26 19:08
Trichloroethylene	50.0	J	0.960		47.4	ug/L		93	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		44.9	ug/L		90	(51%-134%)		
Vinyl chloride	50.0	U	ND		49.9	ug/L		100	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		51.9	ug/L		104	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		46.4	ug/L		93	(61%-123%)		
m,p-Xylenes	100	U	ND		85.6	ug/L		86	(58%-122%)		
o-Xylene	50.0	U	ND		44.9	ug/L		90	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		47.7	ug/L		95	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	J	0.370		50.8	ug/L		101	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		45.3	ug/L		91	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		53.7		53.2	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0		50.9		50.1	ug/L		100	(77%-123%)		
**Toluene-d8	50.0		50.4		50.7	ug/L		101	(77%-121%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2973607											
QC1206428857 769981002 MS											
1,4-Dioxane	2500	U	ND		2450	ug/L		98	(50%-136%)	CO1	04/07/26 19:59
Trichlorotrifluoroethane	250	U	ND		214	ug/L		86	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		53.7		55.0	ug/L		110	(71%-131%)		
**Bromofluorobenzene	50.0		50.9		54.1	ug/L		108	(77%-123%)		
**Toluene-d8	50.0		50.4		50.6	ug/L		101	(77%-121%)		
QC1206428856 769981002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		47.2	ug/L	3	94	(0%-20%)		04/07/26 19:34
1,1,2,2-Tetrachloroethane	50.0	U	ND		49.6	ug/L	9	99	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		50.5	ug/L	7	101	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		51.5	ug/L	2	103	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		54.1	ug/L	2	108	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		44.8	ug/L	10	90	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		44.8	ug/L	10	90	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		48.6	ug/L	11	97	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		52.0	ug/L	7	104	(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2973607											
1,2-Dichlorobenzene	50.0	U	ND		45.6	ug/L	6	91	(0%-20%)	CO1	04/07/26 19:34
1,2-Dichloroethane	50.0	U	ND		53.2	ug/L	4	106	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		49.8	ug/L	2	100	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		44.3	ug/L	4	89	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		43.7	ug/L	4	87	(0%-20%)		
2-Butanone	250	U	ND		274	ug/L	8	110	(0%-20%)		
2-Hexanone	250	U	ND		277	ug/L	9	111	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		268	ug/L	9	107	(0%-20%)		
Acetone	250	U	ND		283	ug/L	9	113	(0%-20%)		
Benzene	50.0	U	ND		46.4	ug/L	4	93	(0%-20%)		
Bromochloromethane	50.0	U	ND		50.0	ug/L	5	100	(0%-20%)		
Bromodichloromethane	50.0	U	ND		50.2	ug/L	4	100	(0%-20%)		
Bromoform	50.0	U	ND		49.1	ug/L	9	98	(0%-20%)		
Bromomethane	50.0	U	ND		54.2	ug/L	2	108	(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2973607											
Carbon disulfide	250	U	ND		259	ug/L	2	104	(0%-20%)	CO1	04/07/26 19:34
Carbon tetrachloride	50.0	U	ND		48.1	ug/L	3	96	(0%-20%)		
Chlorobenzene	50.0	U	ND		45.6	ug/L	4	91	(0%-20%)		
Chloroethane	50.0	U	ND		55.4	ug/L	5	111	(0%-20%)		
Chloroform	50.0	U	ND		49.2	ug/L	4	98	(0%-20%)		
Chloromethane	50.0	U	ND		54.9	ug/L	8	110	(0%-20%)		
Cyclohexane	50.0	U	ND		45.6	ug/L	3	91	(0%-20%)		
Dibromochloromethane	50.0	U	ND		50.1	ug/L	6	100	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		50.8	ug/L	10	102	(0%-20%)		
Ethylbenzene	50.0	U	ND		45.9	ug/L	4	92	(0%-20%)		
Isopropylbenzene	50.0	U	ND		47.2	ug/L	6	94	(0%-20%)		
Methyl acetate	250	U	ND		268	ug/L	7	107	(0%-20%)		
Methylcyclohexane	50.0	U	ND		46.3	ug/L	6	93	(0%-20%)		
Methylene chloride	50.0	J	1.76		50.8	ug/L	3	98	(0%-20%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2973607											
Styrene	50.0	U	ND		46.0	ug/L	3	92	(0%-20%)	CO1	04/07/26 19:34
Tetrachloroethylene	50.0	U	ND		42.6	ug/L	4	85	(0%-20%)		
Toluene	50.0	U	ND		46.3	ug/L	4	93	(0%-20%)		
Trichloroethylene	50.0	J	0.960		49.1	ug/L	4	96	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		48.6	ug/L	8	97	(0%-20%)		
Vinyl chloride	50.0	U	ND		54.5	ug/L	9	109	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		53.2	ug/L	2	106	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		48.5	ug/L	5	97	(0%-20%)		
m,p-Xylenes	100	U	ND		88.5	ug/L	3	88	(0%-20%)		
o-Xylene	50.0	U	ND		46.3	ug/L	3	93	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		50.9	ug/L	7	102	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	J	0.370		51.7	ug/L	2	103	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		48.0	ug/L	6	96	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		53.7		55.3	ug/L		111	(71%-131%)		

QC Summary

Workorder: **770021**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2973607											
**Bromofluorobenzene	50.0		50.9		52.6	ug/L		105	(77%-123%)	CO1	04/07/26 19:34
**Toluene-d8	50.0		50.4		52.6	ug/L		105	(77%-121%)		
QC1206428858 769981002 MSD											
1,4-Dioxane	2500	U	ND		2290	ug/L	7	92	(0%-20%)		04/07/26 20:24
Trichlorotrifluoroethane	250	U	ND		202	ug/L	6	81	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		53.7		54.5	ug/L		109	(71%-131%)		
**Bromofluorobenzene	50.0		50.9		54.4	ug/L		109	(77%-123%)		
**Toluene-d8	50.0		50.4		51.7	ug/L		103	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

- U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J J Value is estimated
- B B The target analyte was detected in the associated blank.
- E E Concentration of the target analyte exceeds the instrument calibration range
- Q Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: LELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 770021 GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Grbl TAL Metals TLL SVOCs	<-- Preservative Type (6)	Comments
LS-TB-032526	03-25-26	1000	TB	N	DI			3	3			Note: extra sample is required for sample specific QC
LS-SB-43-1.0		1045	G	N	SO			1		1		
LS-SB-43-3.0		1105	G	N	SO			5	4	1		
LS-SB-44-1.0		1250	G	N	SO			1		1		
LS-SB-47-1.0		1500	G	N	SO			1		1		
LS-SB-47-3.0		1505	G	N	SO			5	4	1		
LS-SB-47-3.0-DP		1507	FD	N	SO			5	4	1		
LS-SB-46-1.0		1615	G	N	SO			1		1		
LS-SB-46-3.0		1625	G	N	SO			5	4	1		
LS-SB-48-1.0		1700	G	N	SO			1		1		

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3.26.26	1635		3-26-26	1635
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 2.3 °C

> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample ID * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Radioactive (If yes, please supply isotopic info.)	(7) Known or possible Hazards	Total number of containers	TCL VOCs	Cr6, TAL Metals, TCL SVOCs										<-- Preservative Type (6)
LS-SB-48-3.0	03-25-26	1710	G	N	SO			5	4	1										
LS-SB-29-2.0	03-26-26	0855	G	N	SO			1		1										
LS-SB-29-4.0	↓	0900	G	N	SO			5	4	1										

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		3-26-26	1635		3-26-26	1635
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 2+3 °C

> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 770021	GEL PM: JR
Received By: MT	Date Received at GEL: 3-26-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier (Client) Other: IR Temp gun # IR4-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
~~	3				
	2				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?			✓	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials JP Date 3/27/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 09 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 770021

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2972979

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2972978

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021003	LS-SB-43-3.0
770021006	LS-SB-47-3.0
770021007	LS-SB-47-3.0-DP
770021009	LS-SB-46-3.0
770021011	LS-SB-48-3.0
770021013	LS-SB-29-4.0
1206427782	Laboratory Control Sample (LCS) **Batch 2972979**
1206427783	Laboratory Control Sample (LCS)
1206427784	Method Blank (MB)
1206427786	770676001(NonSDG) Matrix Spike (MS)
1206427787	770676001(NonSDG) Matrix Spike Duplicate (MSD)
1206427788	770676001(NonSDG) Matrix Spike (MS)
1206427789	770676001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206427786MS and 1206427787MSD (Non SDG 770676001)	Bromomethane	RPD 28* (0%-20%)

Technical Information

Sample Dilutions/Methanol Dilutions

Samples 1206427786 (Non SDG 770676001MS), 1206427787 (Non SDG 770676001MSD), 1206427788 (Non SDG 770676001MS) and 1206427789 (Non SDG 770676001MSD) were analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.
Sample 770021011 (LS-SB-48-3.0) was analyzed employing a methanol dilution extraction procedure because the received water preserved vials were cracked and leaking.

Analyte	**770021 011**
Several	50X

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2973607

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021001	LS-TB-032526
1206428852	Laboratory Control Sample (LCS) **Batch 2973607**
1206428853	Laboratory Control Sample (LCS)
1206428854	Method Blank (MB)
1206428855	769981002(NonSDG) Matrix Spike (MS)
1206428856	769981002(NonSDG) Matrix Spike Duplicate (MSD)
1206428857	769981002(NonSDG) Matrix Spike (MS)
1206428858	769981002(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Miscellaneous Information

Manual Integrations
Some initial calibration standards, continuing calibration standards, and/or samples may have required manual integrations due to software limitations.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2970799

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2970798

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021004	LS-SB-44-1.0
1206424361	Method Blank (MB) **Batch 2970799**
1206424362	Laboratory Control Sample (LCS)
1206424363	770021004(LS-SB-44-1.0) Matrix Spike (MS)
1206424364	770021004(LS-SB-44-1.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206424362 (LCS)	Benzaldehyde	16* (21%-89%)

Spike Recovery Statement
The MS or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. As similar recoveries were displayed in the MS and MSD, the failures were attributed to sample matrix interference and that the samples were analyzed at a dilution. The data were reported.

Sample	Analyte	Value
1206424363 (LS-SB-44-1.0MS)	2-Methyl-4, 6-dinitrophenol	0* (10%-120%)
	Benzaldehyde	0* (12%-103%)
	Hexachlorocyclopentadiene	0* (16%-60%)
1206424364 (LS-SB-44-1.0MSD)	2, 4-Dinitrophenol	0* (19%-117%)
	2-Methyl-4, 6-dinitrophenol	0* (10%-120%)
	Benzaldehyde	0* (12%-103%)
	Hexachlorocyclopentadiene	0* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent differences (RPD) for the MS and MSD, (See Below), were not within the acceptance limits. The failures were attributed to matrix interference and that the samples were analyzed at a dilution. The data were reported.

Sample	Analyte	Value
1206424363MS and 1206424364MSD (LS-SB-44-1.0)	2, 4-Dinitrophenol	RPD 200* (0%-30%)

Technical Information

Sample Dilutions
Samples 1206424363 (LS-SB-44-1.0MS), 1206424364 (LS-SB-44-1.0MSD) and 770021004 (LS-SB-44-1.0) were diluted because the extracts were very dark and/or viscous. The data from the dilutions are reported.

Sample Re-extraction/Re-analysis
Samples 770021005 (LS-SB-47-1.0), 770021008 (LS-SB-46-1.0) and 770021010 (LS-SB-48-1.0) were re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2971449

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2971448

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021002	LS-SB-43-1.0
770021003	LS-SB-43-3.0
770021006	LS-SB-47-3.0
770021007	LS-SB-47-3.0-DP
770021009	LS-SB-46-3.0
770021011	LS-SB-48-3.0
770021013	LS-SB-29-4.0
1206425422	Method Blank (MB) **Batch 2971449**
1206425423	Laboratory Control Sample (LCS)
1206425424	770020002(NonSDG) Matrix Spike (MS)
1206425425	770020002(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Method Blank (MB) Statement
The MB(See Below) displayed target analytes below the reporting limit. As these analytes were not detected above the reporting limit in the associated sample, the data were reported and qualified accordingly.

Sample	Analyte	Value
1206425422 (MB)	Di-n-butylphthalate	46.8 ug/kg * 10 > 0

Surrogate Recoveries
Samples (See Below) did not meet surrogate recovery acceptance criteria. The samples were analyzed at a dilution. As a result, one or more surrogates were diluted out of the acceptance limits.

Sample	Analyte	Value
1206425424 (Non SDG 770020002MS)	2-Fluorobiphenyl	95* (20%-93%)
	Nitrobenzene-d5	98* (19%-90%)
1206425425 (Non SDG 770020002MSD)	2, 4, 6-Tribromophenol	17* (20%-104%)

Spike Recovery Statement
The MS or MSD (See Below) spike recoveries were not within the acceptance limits. The MS and MSD were analyzed at a dilution. As a result, the spikes were diluted outside of the acceptance limits.

Sample	Analyte	Value
1206425424 (Non SDG 770020002MS)	1, 1'-Biphenyl	126* (16%-112%)
	2, 3, 4, 6-Tetrachlorophenol	0* (15%-114%)
	2, 4, 5-Trichlorophenol	0* (16%-122%)
	2, 4, 6-Trichlorophenol	0* (16%-112%)
	2, 4-Dichlorophenol	0* (15%-112%)
	2, 4-Dinitrophenol	271* (19%-117%)
	2, 4-Dinitrotoluene	265* (15%-119%)
	2, 6-Dinitrotoluene	152* (14%-119%)
	2-Methylnaphthalene	212* (16%-108%)
	4-Nitrophenol	329* (14%-122%)
	Benzaldehyde	0* (12%-103%)
	Dibenzofuran	145* (17%-114%)
	Diphenylamine	347* (18%-116%)
	Fluorene	126* (16%-119%)

	Hexachlorocyclopentadiene	0* (16%-60%)
	Hexachloroethane	93* (16%-87%)
	Isophorone	151* (12%-116%)
	N-Nitrosodipropylamine	173* (14%-113%)
	Phenanthrene	159* (15%-120%)
1206425425 (Non SDG 770020002MSD)	2, 3, 4, 6-Tetrachlorophenol	0* (15%-114%)
	2, 4, 5-Trichlorophenol	0* (16%-122%)
	2, 4, 6-Trichlorophenol	0* (16%-112%)
	2, 4-Dichlorophenol	0* (15%-112%)
	2, 4-Dimethylphenol	0* (17%-73%)
	2, 4-Dinitrophenol	185* (19%-117%)
	2, 4-Dinitrotoluene	188* (15%-119%)
	2-Chlorophenol	0* (17%-104%)
	2-Nitrophenol	0* (14%-107%)
	4-Chloroaniline	0* (16%-91%)
	4-Nitrophenol	553* (14%-122%)
	Acetophenone	0* (16%-97%)
	Benzaldehyde	0* (12%-103%)
	Diphenylamine	256* (18%-116%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	N-Nitrosodipropylamine	126* (14%-113%)
	Nitrobenzene	0* (15%-105%)
	Pentachlorophenol	0* (11%-115%)
	Phenol	0* (16%-107%)
	bis(2-Chloro-1-methylethyl)ether	0* (10%-110%)
	bis(2-Chloroethyl) ether	0* (14%-106%)
	m, p-Cresols	0* (17%-106%)
	o-Cresol	0* (17%-104%)
	p-Nitroaniline	0* (12%-118%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206425424MS and 1206425425MSD (Non SDG 770020002)	1, 1'-Biphenyl	RPD 37* (0%-30%)
	1, 2, 4, 5-Tetrachlorobenzene	RPD 35* (0%-30%)

	2, 4-Dimethylphenol	RPD 200* (0%-30%)
	2, 4-Dinitrophenol	RPD 38* (0%-30%)
	2, 4-Dinitrotoluene	RPD 34* (0%-30%)
	2, 6-Dinitrotoluene	RPD 84* (0%-30%)
	2-Chloronaphthalene	RPD 33* (0%-30%)
	2-Chlorophenol	RPD 200* (0%-30%)
	2-Methylnaphthalene	RPD 33* (0%-30%)
	2-Nitrophenol	RPD 200* (0%-30%)
	4-Bromophenylphenylether	RPD 32* (0%-30%)
	4-Chloro-3-methylphenol	RPD 33* (0%-30%)
	4-Chloroaniline	RPD 200* (0%-30%)
	4-Chlorophenylphenylether	RPD 33* (0%-30%)
	4-Nitrophenol	RPD 51* (0%-30%)
	Acenaphthene	RPD 33* (0%-30%)
	Acenaphthylene	RPD 31* (0%-30%)
	Acetophenone	RPD 200* (0%-30%)
	Atrazine	RPD 36* (0%-30%)
	Benzo(a)anthracene	RPD 31* (0%-30%)
	Benzo(a)pyrene	RPD 32* (0%-30%)
	Benzo(b)fluoranthene	RPD 34* (0%-30%)
	Benzo(k)fluoranthene	RPD 32* (0%-30%)
	Carbazole	RPD 31* (0%-30%)
	Chrysene	RPD 33* (0%-30%)

	Di-n-butylphthalate	RPD 34* (0%-30%)
	Di-n-octylphthalate	RPD 32* (0%-30%)
	Dibenzo(a, h)anthracene	RPD 31* (0%-30%)
	Dibenzofuran	RPD 32* (0%-30%)
	Diethylphthalate	RPD 47* (0%-30%)
	Dimethylphthalate	RPD 34* (0%-30%)
	Fluoranthene	RPD 33* (0%-30%)
	Fluorene	RPD 37* (0%-30%)
	Hexachlorobenzene, Hexachloroethane	RPD 31* (0%-30%)
	Indeno(1, 2, 3-cd)pyrene	RPD 32* (0%-30%)
	Isophorone	RPD 46* (0%-30%)
	N-Nitrosodipropylamine	RPD 31* (0%-30%)
	Naphthalene	RPD 32* (0%-30%)
	Nitrobenzene, Pentachlorophenol	RPD 200* (0%-30%)
	Phenanthrene	RPD 34* (0%-30%)
	Phenol	RPD 200* (0%-30%)
	Pyrene	RPD 31* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 200* (0%-30%)
	bis(2-Chloroethoxy)methane	RPD 32* (0%-30%)
	bis(2-Chloroethyl) ether	RPD 200* (0%-30%)
	bis(2-Ethylhexyl)phthalate	RPD 34* (0%-30%)
	m, p-Cresols, o-Cresol and p-Nitroaniline	RPD 200* (0%-30%)

Technical Information

Sample Dilutions
Samples 1206425424 (Non SDG 770020002MS) and 1206425425 (Non SDG 770020002MSD) were diluted due to the presence of non-target analytes. The data from the dilutions are reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2972177

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2972172

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021005	LS-SB-47-1.0
770021008	LS-SB-46-1.0
770021010	LS-SB-48-1.0
1206426480	Method Blank (MB) **Batch 2972177**
1206426481	Laboratory Control Sample (LCS)
1206426482	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to the activity of the sample matrix (ALARA).
An LCSD was used in place of matrix QC due to limited sample volume.

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value

1206426481 (LCS)	Benzaldehyde	13* (21%-89%)
1206426482 (LCSD)	Benzaldehyde	12* (21%-89%)

Technical Information

Sample Re-extraction/Re-analysis
Samples 770021005 (LS-SB-47-1.0), 770021008 (LS-SB-46-1.0) and 770021010 (LS-SB-48-1.0) were re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration in order to properly identify one or more peaks and/or to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
770021008 (LS-SB-46-1.0)	Fluorene	Result 18.7ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2973562

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2973559

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021012	LS-SB-29-2.0
1206428780	770982001(NonSDG) Matrix Spike (MS) **Batch 2973562**
1206428781	770982001(NonSDG) Matrix Spike Duplicate (MSD)
1206429692	Method Blank (MB)
1206429693	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8270 outlier acceptance criteria. If required, a CRDL was analyzed after the CCVs to demonstrate that there is adequate sensitivity to detect the failed compounds at the applicable lower quantitation limit.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) displayed failing surrogate recoveries. Because the recoveries were biased high and target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206429692 (MB)	2-Fluorophenol	95* (19%-94%)
	Nitrobenzene-d5	91* (19%-90%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206429693 (LCS)	Benzaldehyde	12* (21%-89%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206428780MS and 1206428781MSD (Non SDG 770982001)	1, 1'-Biphenyl, 1, 2, 4, 5-Tetrachlorobenzene	RPD 33* (0%-30%)
	2-Chloronaphthalene, Hexachlorobutadiene	RPD 32* (0%-30%)
	Hexachlorocyclopentadiene	RPD 41* (0%-30%)
	Hexachloroethane	RPD 37* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 31* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement

Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2968512

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2968511

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021002	LS-SB-43-1.0
770021003	LS-SB-43-3.0
770021004	LS-SB-44-1.0
770021005	LS-SB-47-1.0
770021006	LS-SB-47-3.0
770021007	LS-SB-47-3.0-DP
770021008	LS-SB-46-1.0
770021009	LS-SB-46-3.0
770021010	LS-SB-48-1.0
770021011	LS-SB-48-3.0
770021012	LS-SB-29-2.0
770021013	LS-SB-29-4.0
1206419764	Method Blank (MB)**ICP Batch 2968512**
1206419765	Laboratory Control Sample (LCS)
1206419769	770021002(LS-SB-43-1.0L) Serial Dilution (SD)
1206419766	770021002(LS-SB-43-1.0S) Matrix Spike (MS)
1206419767	770021002(LS-SB-43-1.0SD) Matrix Spike Duplicate (MSD)
1206419768	770021002(LS-SB-43-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike

digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206419766 (LS-SB-43-1.0MS)	Barium	54.4* (75%-125%)
	Chromium	-67.5* (75%-125%)
	Vanadium	43.4* (75%-125%)
	Zinc	61.4* (75%-125%)
1206419767 (LS-SB-43-1.0MSD)	Barium	67.7* (75%-125%)
	Chromium	-12.7* (75%-125%)
	Vanadium	53.7* (75%-125%)
	Zinc	-4.34* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206419766MS and 1206419767MSD (LS-SB-43-1.0)	Calcium	RPD 42.6* (0%-20%)
	Chromium	RPD 23.6* (0%-20%)
	Iron	RPD 35* (0%-20%)
	Magnesium	RPD 36.4* (0%-20%)
	Manganese	RPD 28.6* (0%-20%)
	Zinc	RPD 25* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of iron, manganese, and calcium within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 770021002 (LS-SB-43-1.0), 770021004 (LS-SB-44-1.0), 770021005 (LS-SB-47-1.0), 770021008 (LS-SB-46-1.0), 770021009 (LS-SB-46-3.0), 770021010 (LS-SB-48-1.0) and 770021012 (LS-SB-29-2.0).

Analyte	770021							
	002	003	004	005	008	009	010	012
Aluminum		10X		10X	10X	20X	10X	10X
Antimony		10X		10X	10X	20X	10X	10X
Arsenic		10X		10X	10X	20X	10X	10X
Barium		10X		10X	10X	20X	10X	10X
Beryllium		10X		10X	10X	20X	10X	10X

Cadmium		10X		10X	10X	20X	10X	10X
Calcium		10X		10X	10X	20X	10X	10X
Chromium		10X		10X	10X	20X	10X	10X
Cobalt		10X		10X	10X	20X	10X	10X
Copper		10X		10X	10X	20X	10X	10X
Iron		10X		10X	10X	20X	10X	10X
Lead		10X		10X	10X	20X	10X	10X
Magnesium		10X		10X	10X	20X	10X	10X
Manganese	5X	10X	5X	10X	10X	20X	10X	10X
Nickel		10X		10X	10X	20X	10X	10X
Potassium		10X		10X	10X	20X	10X	10X
Selenium		10X		10X	10X	20X	10X	10X
Silver		10X		10X	10X	20X	10X	10X
Sodium		10X		10X	10X	20X	10X	10X
Thallium		10X		10X	10X	20X	10X	10X
Vanadium		10X		10X	10X	20X	10X	10X
Zinc		10X		10X	10X	20X	10X	10X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2969662

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2969660

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021002	LS-SB-43-1.0
770021003	LS-SB-43-3.0
770021004	LS-SB-44-1.0
770021005	LS-SB-47-1.0
770021006	LS-SB-47-3.0
770021007	LS-SB-47-3.0-DP
770021008	LS-SB-46-1.0
770021009	LS-SB-46-3.0
770021010	LS-SB-48-1.0
770021011	LS-SB-48-3.0
770021012	LS-SB-29-2.0
770021013	LS-SB-29-4.0
1206422106	Method Blank (MB)**CVAA Batch 2969662**
1206422107	Laboratory Control Sample (LCS)
1206422108	769148001(NonSDGD) Sample Duplicate (DUP)
1206422109	769148001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2971622

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2971621

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021002	LS-SB-43-1.0
770021003	LS-SB-43-3.0
770021004	LS-SB-44-1.0
770021005	LS-SB-47-1.0
770021006	LS-SB-47-3.0
770021007	LS-SB-47-3.0-DP
770021008	LS-SB-46-1.0
770021009	LS-SB-46-3.0
770021010	LS-SB-48-1.0
770021011	LS-SB-48-3.0
770021012	LS-SB-29-2.0
770021013	LS-SB-29-4.0
1206425702	Method Blank (MB) **Batch 2971622**
1206425703	Laboratory Control Sample (LCS)
1206425704	770021002(LS-SB-43-1.0) Sample Duplicate (DUP)
1206425705	770021002(LS-SB-43-1.0) Matrix Spike (MS)
1206425706	770021004(LS-SB-44-1.0) Sample Duplicate (DUP)
1206425707	770021004(LS-SB-44-1.0) Matrix Spike (MS)
1206425724	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206425705 (LS-SB-43-1.0MS)	60.9* (75%-125%)
	1206425707 (LS-SB-44-1.0MS)	18* (75%-125%)

Technical Information

Sample Dilutions
The following samples 770021006 (LS-SB-47-3.0) and 770021007 (LS-SB-47-3.0-DP) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	770021	
	006	007
Hexavalent Chromium	5X	5X

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2968542

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021002	LS-SB-43-1.0
770021003	LS-SB-43-3.0
770021006	LS-SB-47-3.0
770021007	LS-SB-47-3.0-DP
770021009	LS-SB-46-3.0
770021011	LS-SB-48-3.0
770021013	LS-SB-29-4.0
1206419820	770020002(NonSDG) Sample Duplicate (DUP) **Batch 2968542**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2968859

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
770021004	LS-SB-44-1.0
770021005	LS-SB-47-1.0
770021008	LS-SB-46-1.0
770021010	LS-SB-48-1.0
770021012	LS-SB-29-2.0
1206420520	770021004(LS-SB-44-1.0) Sample Duplicate (DUP) **Batch 2968859**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

June 11, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 778952

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on May 28, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 778952 GEL Work Order: 778952

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria

J Value is estimated

N/A RPD or %Recovery limits do not apply.

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TB-052726	Project:	RVDE00226C
Sample ID:	778952001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	27-MAY-26 08:00		
Receive Date:	28-MAY-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	06/10/26	1837	3009411	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-052726 Project: RVDE00226C
Sample ID: 778952001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	55.4 ug/L	50.0	111	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	61.5 ug/L	50.0	123	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.4 ug/L	50.0	107	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-38-1.0	Project:	RVDE00226C
Sample ID:	778952002	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	27-MAY-26 08:40		
Receive Date:	28-MAY-26		
Collector:	Client		
Moisture:	2.67%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		44.6	7.65	22.8	ug/kg	111	1	JP2	05/29/26	1207	3002748	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		6390000	34200	101000	ug/kg	98.0	5	EM2	05/29/26	1214	3002723	2
Beryllium	U	ND	504	2520	ug/kg	98.0	5					
Calcium		67400000	40300	126000	ug/kg	98.0	5					
Sodium		196000	35300	126000	ug/kg	98.0	5					
Thallium	U	ND	2520	10100	ug/kg	98.0	5					
Antimony	J	7840	3320	20100	ug/kg	98.0	10	EM2	05/29/26	1252	3002723	3
Arsenic	J	20800	5040	30200	ug/kg	98.0	10					
Barium		82900	1010	5040	ug/kg	98.0	10					
Cadmium	U	ND	1010	5040	ug/kg	98.0	10					
Chromium		1090000	1510	10100	ug/kg	98.0	10					
Cobalt		16700	1510	5040	ug/kg	98.0	10					
Copper		368000	3020	20100	ug/kg	98.0	10					
Iron		413000000	80600	252000	ug/kg	98.0	10					
Lead		46900	3320	20100	ug/kg	98.0	10					
Magnesium		33200000	85600	302000	ug/kg	98.0	10					
Manganese		7280000	2010	10100	ug/kg	98.0	10					
Nickel		135000	1510	5040	ug/kg	98.0	10					
Potassium	U	ND	64500	252000	ug/kg	98.0	10					
Selenium	J	28400	5040	30200	ug/kg	98.0	10					
Silver	U	ND	1010	5040	ug/kg	98.0	10					
Vanadium		113000	1010	5040	ug/kg	98.0	10					
Zinc		1210000	4030	20100	ug/kg	98.0	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	103	342	ug/kg	0.0333	1	LL2	06/02/26	1511	3003489	4
1,2,4,5-Tetrachlorobenzene	U	ND	103	342	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	103	342	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	103	342	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	103	342	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	103	342	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	103	342	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	103	683	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-1.0 Project: RVDE00226C
Sample ID: 778952002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	103	342	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	103	342	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	10.3	34.2	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	103	342	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	103	342	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	10.3	34.2	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	103	342	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	103	342	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	103	342	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	137	342	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	103	342	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	103	342	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	103	342	ug/kg	0.0333	1					
Acenaphthene	U	ND	10.3	34.2	ug/kg	0.0333	1					
Acenaphthylene	U	ND	10.3	34.2	ug/kg	0.0333	1					
Acetophenone	U	ND	103	342	ug/kg	0.0333	1					
Anthracene	J	11.6	10.3	34.2	ug/kg	0.0333	1					
Atrazine	U	ND	137	342	ug/kg	0.0333	1					
Benzaldehyde	U	ND	103	342	ug/kg	0.0333	1					
Benzo(a)anthracene	J	26.7	10.3	34.2	ug/kg	0.0333	1					
Benzo(a)pyrene	J	12.3	10.3	34.2	ug/kg	0.0333	1					
Benzo(b)fluoranthene		42.0	10.3	34.2	ug/kg	0.0333	1					
Benzo(ghi)perylene	J	14.7	10.3	34.2	ug/kg	0.0333	1					
Benzo(k)fluoranthene	J	12.6	10.3	34.2	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	10.3	34.2	ug/kg	0.0333	1					
Carbazole	U	ND	10.3	34.2	ug/kg	0.0333	1					
Chrysene		45.1	10.3	34.2	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	10.3	34.2	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	10.3	34.2	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	10.3	34.2	ug/kg	0.0333	1					
Dibenzofuran	U	ND	103	342	ug/kg	0.0333	1					
Diethylphthalate	U	ND	10.3	34.2	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	10.3	34.2	ug/kg	0.0333	1					
Diphenylamine	U	ND	103	342	ug/kg	0.0333	1					
Fluoranthene		59.8	10.3	34.2	ug/kg	0.0333	1					
Fluorene	U	ND	10.3	34.2	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-1.0 Project: RVDE00226C
Sample ID: 778952002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	103	342	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	103	342	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	103	342	ug/kg	0.0333	1					
Hexachloroethane	U	ND	103	342	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	J	12.6	10.3	34.2	ug/kg	0.0333	1					
Isophorone	U	ND	103	342	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	103	342	ug/kg	0.0333	1					
Naphthalene	U	ND	10.3	34.2	ug/kg	0.0333	1					
Nitrobenzene	U	ND	103	342	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	103	342	ug/kg	0.0333	1					
Phenanthrene		37.2	10.3	34.2	ug/kg	0.0333	1					
Phenol	U	ND	103	342	ug/kg	0.0333	1					
Pyrene		49.9	10.3	34.2	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	103	342	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	103	342	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	103	342	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate		45.8	10.3	34.2	ug/kg	0.0333	1					
m,p-Cresols	U	ND	103	342	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	103	342	ug/kg	0.0333	1					
o-Cresol	U	ND	103	342	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	113	342	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	103	342	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.112	0.281	mg/kg	27.3	1	BR2	06/11/26	1513	3006104	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3546	Prep Method 3546 for Solid	DC2	06/01/26	0801	3003487
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103
SW846 3546	Prep Method 3546 for Solid	DC2	06/04/26	0627	3005824
SW846 3050B	SW846 3050B Prep	CJ3	05/28/26	1545	3002722
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	05/28/26	1630	3002734

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-38-1.0	Project:	RVDE00226C
Sample ID:	778952002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3546/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	894 ug/kg	1710	52	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	957 ug/kg	1710	56	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	954 ug/kg	1710	56	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	629 ug/kg	3420	18*	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1990 ug/kg	3420	58	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1670 ug/kg	3420	49	(23%-108%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-38-5.0	Project:	RVDE00226C
Sample ID:	778952003	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	27-MAY-26 08:55		
Receive Date:	28-MAY-26		
Collector:	Client		
Moisture:	9.22%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		1120	7.94	23.7	ug/kg	108	1	JP2	05/29/26	1209	3002748	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		5730000	34300	101000	ug/kg	91.6	5	EM2	05/29/26	1233	3002723	2
Beryllium	J	715	504	2520	ug/kg	91.6	5					
Calcium		80500000	40300	126000	ug/kg	91.6	5					
Sodium		1070000	35300	126000	ug/kg	91.6	5					
Thallium	U	ND	2520	10100	ug/kg	91.6	5					
Antimony	J	22800	6660	40300	ug/kg	91.6	20	EM2	05/29/26	1304	3002723	3
Arsenic	J	31900	10100	60500	ug/kg	91.6	20					
Barium		219000	2020	10100	ug/kg	91.6	20					
Cadmium		31200	2020	10100	ug/kg	91.6	20					
Chromium		701000	3030	20200	ug/kg	91.6	20					
Cobalt		65500	3030	10100	ug/kg	91.6	20					
Copper		1120000	6050	40300	ug/kg	91.6	20					
Iron		566000000	161000	504000	ug/kg	91.6	20					
Lead		2740000	6660	40300	ug/kg	91.6	20					
Magnesium		29600000	171000	605000	ug/kg	91.6	20					
Nickel		649000	3030	10100	ug/kg	91.6	20					
Potassium	J	226000	129000	504000	ug/kg	91.6	20					
Selenium	J	50700	10100	60500	ug/kg	91.6	20					
Silver	J	5220	2020	10100	ug/kg	91.6	20					
Vanadium		810000	2020	10100	ug/kg	91.6	20					
Zinc		11300000	8070	40300	ug/kg	91.6	20					
Manganese		20200000	10100	50400	ug/kg	91.6	50	EM2	05/29/26	1307	3002723	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	359	ug/kg	0.0326	1	LL2	06/01/26	1421	3003489	5
1,2,4,5-Tetrachlorobenzene	U	ND	108	359	ug/kg	0.0326	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4,5-Trichlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4,6-Trichlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4-Dichlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2,4-Dimethylphenol	U	ND	108	359	ug/kg	0.0326	1					
2,4-Dinitrophenol	U	ND	108	719	ug/kg	0.0326	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-5.0 Project: RVDE00226C
Sample ID: 778952003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	108	359	ug/kg	0.0326	1					
2,6-Dinitrotoluene	U	ND	108	359	ug/kg	0.0326	1					
2-Chloronaphthalene	U	ND	10.8	35.9	ug/kg	0.0326	1					
2-Chlorophenol	U	ND	108	359	ug/kg	0.0326	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	359	ug/kg	0.0326	1					
2-Methylnaphthalene		106	10.8	35.9	ug/kg	0.0326	1					
2-Nitrophenol	U	ND	108	359	ug/kg	0.0326	1					
3,3'-Dichlorobenzidine	U	ND	108	359	ug/kg	0.0326	1					
4-Bromophenylphenylether	U	ND	108	359	ug/kg	0.0326	1					
4-Chloro-3-methylphenol	U	ND	144	359	ug/kg	0.0326	1					
4-Chloroaniline	U	ND	108	359	ug/kg	0.0326	1					
4-Chlorophenylphenylether	U	ND	108	359	ug/kg	0.0326	1					
4-Nitrophenol	U	ND	108	359	ug/kg	0.0326	1					
Acenaphthene	J	35.2	10.8	35.9	ug/kg	0.0326	1					
Acenaphthylene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Acetophenone	U	ND	108	359	ug/kg	0.0326	1					
Anthracene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Atrazine	U	ND	144	359	ug/kg	0.0326	1					
Benzaldehyde	U	ND	108	359	ug/kg	0.0326	1					
Benzo(a)anthracene		78.0	10.8	35.9	ug/kg	0.0326	1					
Benzo(a)pyrene		53.5	10.8	35.9	ug/kg	0.0326	1					
Benzo(b)fluoranthene		163	10.8	35.9	ug/kg	0.0326	1					
Benzo(ghi)perylene		106	10.8	35.9	ug/kg	0.0326	1					
Benzo(k)fluoranthene		43.1	10.8	35.9	ug/kg	0.0326	1					
Butylbenzylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Carbazole		191	10.8	35.9	ug/kg	0.0326	1					
Chrysene		142	10.8	35.9	ug/kg	0.0326	1					
Di-n-butylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Di-n-octylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Dibenzo(a,h)anthracene	U	ND	10.8	35.9	ug/kg	0.0326	1					
Dibenzofuran	U	ND	108	359	ug/kg	0.0326	1					
Diethylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Dimethylphthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
Diphenylamine	U	ND	108	359	ug/kg	0.0326	1					
Fluoranthene		201	10.8	35.9	ug/kg	0.0326	1					
Fluorene	J	33.4	10.8	35.9	ug/kg	0.0326	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-5.0 Project: RVDE00226C
Sample ID: 778952003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	108	359	ug/kg	0.0326	1					
Hexachlorobutadiene	U	ND	108	359	ug/kg	0.0326	1					
Hexachlorocyclopentadiene	U	ND	108	359	ug/kg	0.0326	1					
Hexachloroethane	U	ND	108	359	ug/kg	0.0326	1					
Indeno(1,2,3-cd)pyrene		90.5	10.8	35.9	ug/kg	0.0326	1					
Isophorone	U	ND	108	359	ug/kg	0.0326	1					
N-Nitrosodipropylamine	U	ND	108	359	ug/kg	0.0326	1					
Naphthalene		241	10.8	35.9	ug/kg	0.0326	1					
Nitrobenzene	U	ND	108	359	ug/kg	0.0326	1					
Pentachlorophenol	U	ND	108	359	ug/kg	0.0326	1					
Phenanthrene		74.0	10.8	35.9	ug/kg	0.0326	1					
Phenol	U	ND	108	359	ug/kg	0.0326	1					
Pyrene		197	10.8	35.9	ug/kg	0.0326	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	359	ug/kg	0.0326	1					
bis(2-Chloroethoxy)methane	U	ND	108	359	ug/kg	0.0326	1					
bis(2-Chloroethyl) ether	U	ND	108	359	ug/kg	0.0326	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.8	35.9	ug/kg	0.0326	1					
m,p-Cresols	U	ND	108	359	ug/kg	0.0326	1					
m-Nitroaniline	U	ND	108	359	ug/kg	0.0326	1					
o-Cresol	U	ND	108	359	ug/kg	0.0326	1					
o-Nitroaniline	U	ND	119	359	ug/kg	0.0326	1					
p-Nitroaniline	U	ND	108	359	ug/kg	0.0326	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.317	0.119	0.298	mg/kg	27.0	1	BR2	06/11/26	1513	3006104	6
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.287	0.862	ug/kg	0.782	1	PXY1	06/10/26	1643	3009599	7
1,1,2,2-Tetrachloroethane	U	ND	0.287	0.862	ug/kg	0.782	1					
1,1,2-Trichloroethane	U	ND	0.287	0.862	ug/kg	0.782	1					
1,1-Dichloroethane	U	ND	0.287	0.862	ug/kg	0.782	1					
1,1-Dichloroethylene	U	ND	0.287	0.862	ug/kg	0.782	1					
1,2,3-Trichlorobenzene	U	ND	0.287	0.862	ug/kg	0.782	1					
1,2,4-Trichlorobenzene	U	ND	0.287	0.862	ug/kg	0.782	1					
1,2-Dibromo-3-chloropropane	U	ND	0.431	0.862	ug/kg	0.782	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-5.0 Project: RVDE00226C
Sample ID: 778952003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.287	0.862	ug/kg	0.782	1					
1,2-Dichlorobenzene	U	ND	0.287	0.862	ug/kg	0.782	1					
1,2-Dichloroethane	U	ND	0.287	0.862	ug/kg	0.782	1					
1,2-Dichloropropane	U	ND	0.287	0.862	ug/kg	0.782	1					
1,3-Dichlorobenzene	U	ND	0.287	0.862	ug/kg	0.782	1					
1,4-Dichlorobenzene	U	ND	0.287	0.862	ug/kg	0.782	1					
1,4-Dioxane	U	ND	14.4	43.1	ug/kg	0.782	1					
2-Butanone	U	ND	1.44	4.31	ug/kg	0.782	1					
2-Hexanone	U	ND	1.44	4.31	ug/kg	0.782	1					
4-Methyl-2-pentanone	U	ND	1.44	4.31	ug/kg	0.782	1					
Acetone	U	ND	1.44	4.31	ug/kg	0.782	1					
Benzene	U	ND	0.287	0.862	ug/kg	0.782	1					
Bromochloromethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Bromodichloromethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Bromoform	U	ND	0.287	0.862	ug/kg	0.782	1					
Bromomethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Carbon disulfide	U	ND	1.44	4.31	ug/kg	0.782	1					
Carbon tetrachloride	U	ND	0.287	0.862	ug/kg	0.782	1					
Chlorobenzene	U	ND	0.287	0.862	ug/kg	0.782	1					
Chloroethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Chloroform	U	ND	0.287	0.862	ug/kg	0.782	1					
Chloromethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Cyclohexane	U	ND	0.287	0.862	ug/kg	0.782	1					
Dibromochloromethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Dichlorodifluoromethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Ethylbenzene	J	0.353	0.287	0.862	ug/kg	0.782	1					
Isopropylbenzene	J	0.491	0.287	0.862	ug/kg	0.782	1					
Methyl acetate	U	ND	1.44	4.31	ug/kg	0.782	1					
Methylcyclohexane		1.00	0.287	0.862	ug/kg	0.782	1					
Methylene chloride	U	ND	1.44	4.31	ug/kg	0.782	1					
Styrene	U	ND	0.287	0.862	ug/kg	0.782	1					
Tetrachloroethylene	U	ND	0.287	0.862	ug/kg	0.782	1					
Toluene	U	ND	0.287	0.862	ug/kg	0.782	1					
Trichloroethylene	U	ND	0.287	0.862	ug/kg	0.782	1					
Trichlorofluoromethane	U	ND	0.287	0.862	ug/kg	0.782	1					
Trichlorotrifluoroethane	U	ND	1.44	4.31	ug/kg	0.782	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-5.0 Project: RVDE00226C
Sample ID: 778952003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.287	0.862	ug/kg	0.782	1					
cis-1,2-Dichloroethylene	U	ND	0.287	0.862	ug/kg	0.782	1					
cis-1,3-Dichloropropylene	U	ND	0.287	0.862	ug/kg	0.782	1					
m,p-Xylenes	J	0.793	0.575	1.72	ug/kg	0.782	1					
o-Xylene	J	0.431	0.287	0.862	ug/kg	0.782	1					
tert-Butyl methyl ether	U	ND	0.287	0.862	ug/kg	0.782	1					
trans-1,2-Dichloroethylene	U	ND	0.287	0.862	ug/kg	0.782	1					
trans-1,3-Dichloropropylene	U	ND	0.287	0.862	ug/kg	0.782	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	05/28/26	1630	3002734
SW846 5035	5035 Prep	PXY1	05/17/26	0855	3009598
SW846 3050B	SW846 3050B Prep	CJ3	05/28/26	1545	3002722
SW846 3546	Prep Method 3546 for Solid	DC2	06/01/26	0801	3003487
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3546/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1120 ug/kg	1800	62	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1180 ug/kg	1800	66	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1180 ug/kg	1800	66	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1870 ug/kg	3590	52	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2300 ug/kg	3590	64	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1350 ug/kg	3590	38	(23%-108%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.0 ug/kg	50.0	102	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-38-5.0	Project:	RVDE00226C
Sample ID:	778952003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
1,2-Dichloroethane-d4		45.7			ug/kg		50.0	106	(75%-131%)		SW846 8260 TCL Volatiles "Dry Weight Corrected"
Toluene-d8		42.7			ug/kg		50.0	99	(79%-122%)		SW846 8260 TCL Volatiles "Dry Weight Corrected"

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-1.0
Sample ID: 778952004
Matrix: Soil
Collect Date: 27-MAY-26 10:40
Receive Date: 28-MAY-26
Collector: Client
Moisture: 2.42%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		80.7	8.21	24.5	ug/kg	120	1	JP2	05/29/26	1210	3002748	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		11700000	31800	93500	ug/kg	91.2	5	EM2	05/29/26	1236	3002723	2
Beryllium	J	741	468	2340	ug/kg	91.2	5					
Calcium		112000000	37400	117000	ug/kg	91.2	5					
Sodium		277000	32700	117000	ug/kg	91.2	5					
Thallium	U	ND	2340	9350	ug/kg	91.2	5					
Antimony	U	ND	6170	37400	ug/kg	91.2	20	EM2	05/29/26	1312	3002723	3
Arsenic	U	ND	9350	56100	ug/kg	91.2	20					
Barium		64100	1870	9350	ug/kg	91.2	20					
Cadmium	U	ND	1870	9350	ug/kg	91.2	20					
Chromium		874000	2810	18700	ug/kg	91.2	20					
Cobalt	J	6010	2810	9350	ug/kg	91.2	20					
Copper		130000	5610	37400	ug/kg	91.2	20					
Iron		151000000	150000	468000	ug/kg	91.2	20					
Lead		46600	6170	37400	ug/kg	91.2	20					
Magnesium		23700000	159000	561000	ug/kg	91.2	20					
Manganese		5900000	3740	18700	ug/kg	91.2	20					
Nickel		50500	2810	9350	ug/kg	91.2	20					
Potassium	U	ND	120000	468000	ug/kg	91.2	20					
Selenium	J	33300	9350	56100	ug/kg	91.2	20					
Silver	U	ND	1870	9350	ug/kg	91.2	20					
Vanadium		75800	1870	9350	ug/kg	91.2	20					
Zinc		1110000	7480	37400	ug/kg	91.2	20					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	101	336	ug/kg	0.0327	1	LL2	06/01/26	1442	3003489	4
1,2,4,5-Tetrachlorobenzene	U	ND	101	336	ug/kg	0.0327	1					
2,3,4,6-Tetrachlorophenol	U	ND	101	336	ug/kg	0.0327	1					
2,4,5-Trichlorophenol	U	ND	101	336	ug/kg	0.0327	1					
2,4,6-Trichlorophenol	U	ND	101	336	ug/kg	0.0327	1					
2,4-Dichlorophenol	U	ND	101	336	ug/kg	0.0327	1					
2,4-Dimethylphenol	U	ND	101	336	ug/kg	0.0327	1					
2,4-Dinitrophenol	U	ND	101	671	ug/kg	0.0327	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-1.0 Project: RVDE00226C
Sample ID: 778952004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	101	336	ug/kg	0.0327	1					
2,6-Dinitrotoluene	U	ND	101	336	ug/kg	0.0327	1					
2-Chloronaphthalene	U	ND	10.1	33.6	ug/kg	0.0327	1					
2-Chlorophenol	U	ND	101	336	ug/kg	0.0327	1					
2-Methyl-4,6-dinitrophenol	U	ND	101	336	ug/kg	0.0327	1					
2-Methylnaphthalene	U	ND	10.1	33.6	ug/kg	0.0327	1					
2-Nitrophenol	U	ND	101	336	ug/kg	0.0327	1					
3,3'-Dichlorobenzidine	U	ND	101	336	ug/kg	0.0327	1					
4-Bromophenylphenylether	U	ND	101	336	ug/kg	0.0327	1					
4-Chloro-3-methylphenol	U	ND	134	336	ug/kg	0.0327	1					
4-Chloroaniline	U	ND	101	336	ug/kg	0.0327	1					
4-Chlorophenylphenylether	U	ND	101	336	ug/kg	0.0327	1					
4-Nitrophenol	U	ND	101	336	ug/kg	0.0327	1					
Acenaphthene	U	ND	10.1	33.6	ug/kg	0.0327	1					
Acenaphthylene	U	ND	10.1	33.6	ug/kg	0.0327	1					
Acetophenone	U	ND	101	336	ug/kg	0.0327	1					
Anthracene	J	12.1	10.1	33.6	ug/kg	0.0327	1					
Atrazine	U	ND	134	336	ug/kg	0.0327	1					
Benzaldehyde	U	ND	101	336	ug/kg	0.0327	1					
Benzo(a)anthracene	J	22.1	10.1	33.6	ug/kg	0.0327	1					
Benzo(a)pyrene	U	ND	10.1	33.6	ug/kg	0.0327	1					
Benzo(b)fluoranthene	U	ND	10.1	33.6	ug/kg	0.0327	1					
Benzo(ghi)perylene		49.3	10.1	33.6	ug/kg	0.0327	1					
Benzo(k)fluoranthene	U	ND	10.1	33.6	ug/kg	0.0327	1					
Butylbenzylphthalate	U	ND	10.1	33.6	ug/kg	0.0327	1					
Carbazole	U	ND	10.1	33.6	ug/kg	0.0327	1					
Chrysene		63.4	10.1	33.6	ug/kg	0.0327	1					
Di-n-butylphthalate	U	ND	10.1	33.6	ug/kg	0.0327	1					
Di-n-octylphthalate	J	18.5	10.1	33.6	ug/kg	0.0327	1					
Dibenzo(a,h)anthracene	U	ND	10.1	33.6	ug/kg	0.0327	1					
Dibenzofuran	U	ND	101	336	ug/kg	0.0327	1					
Diethylphthalate	U	ND	10.1	33.6	ug/kg	0.0327	1					
Dimethylphthalate		262	10.1	33.6	ug/kg	0.0327	1					
Diphenylamine	U	ND	101	336	ug/kg	0.0327	1					
Fluoranthene		150	10.1	33.6	ug/kg	0.0327	1					
Fluorene	U	ND	10.1	33.6	ug/kg	0.0327	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-1.0 Project: RVDE00226C
Sample ID: 778952004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	101	336	ug/kg	0.0327	1					
Hexachlorobutadiene	U	ND	101	336	ug/kg	0.0327	1					
Hexachlorocyclopentadiene	U	ND	101	336	ug/kg	0.0327	1					
Hexachloroethane	U	ND	101	336	ug/kg	0.0327	1					
Indeno(1,2,3-cd)pyrene	U	ND	10.1	33.6	ug/kg	0.0327	1					
Isophorone	U	ND	101	336	ug/kg	0.0327	1					
N-Nitrosodipropylamine	U	ND	101	336	ug/kg	0.0327	1					
Naphthalene	J	11.4	10.1	33.6	ug/kg	0.0327	1					
Nitrobenzene	U	ND	101	336	ug/kg	0.0327	1					
Pentachlorophenol	U	ND	101	336	ug/kg	0.0327	1					
Phenanthrene		85.2	10.1	33.6	ug/kg	0.0327	1					
Phenol	U	ND	101	336	ug/kg	0.0327	1					
Pyrene		390	10.1	33.6	ug/kg	0.0327	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	101	336	ug/kg	0.0327	1					
bis(2-Chloroethoxy)methane	U	ND	101	336	ug/kg	0.0327	1					
bis(2-Chloroethyl) ether	U	ND	101	336	ug/kg	0.0327	1					
bis(2-Ethylhexyl)phthalate		1120	10.1	33.6	ug/kg	0.0327	1					
m,p-Cresols	U	ND	101	336	ug/kg	0.0327	1					
m-Nitroaniline	U	ND	101	336	ug/kg	0.0327	1					
o-Cresol	U	ND	101	336	ug/kg	0.0327	1					
o-Nitroaniline	U	ND	111	336	ug/kg	0.0327	1					
p-Nitroaniline	U	ND	101	336	ug/kg	0.0327	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.142	0.113	0.283	mg/kg	27.6	1	BR2	06/11/26	1513	3006104	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	05/28/26	1630	3002734
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103
SW846 3546	Prep Method 3546 for Solid	DC2	06/01/26	0801	3003487
SW846 3050B	SW846 3050B Prep	CJ3	05/28/26	1545	3002722

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-37-1.0	Project:	RVDE00226C
Sample ID:	778952004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3546/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1040 ug/kg	1680	62	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1680	68	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1020 ug/kg	1680	61	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1370 ug/kg	3360	41	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2210 ug/kg	3360	66	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2090 ug/kg	3360	62	(23%-108%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-3.0
Sample ID: 778952005
Matrix: Soil
Collect Date: 27-MAY-26 11:10
Receive Date: 28-MAY-26
Collector: Client
Moisture: 8.35%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		447	8.15	24.3	ug/kg	112	1	JP2	05/29/26	1212	3002748	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Sodium		920000	6520	23300	ug/kg	85.3	1	EM2	05/29/26	1238	3002723	2
Thallium		3670	466	1860	ug/kg	85.3	1					
Aluminum		19700000	31700	93100	ug/kg	85.3	5	EM2	05/29/26	1241	3002723	3
Antimony	J	2510	1540	9310	ug/kg	85.3	5					
Arsenic	J	10700	2330	14000	ug/kg	85.3	5					
Barium		701000	466	2330	ug/kg	85.3	5					
Beryllium	J	898	466	2330	ug/kg	85.3	5					
Cadmium		22300	466	2330	ug/kg	85.3	5					
Calcium		129000000	37200	116000	ug/kg	85.3	5					
Chromium		602000	698	4660	ug/kg	85.3	5					
Cobalt		9500	698	2330	ug/kg	85.3	5					
Copper		229000	1400	9310	ug/kg	85.3	5					
Iron		107000000	37200	116000	ug/kg	85.3	5					
Lead		1240000	1540	9310	ug/kg	85.3	5					
Magnesium		56900000	39600	140000	ug/kg	85.3	5					
Nickel		58800	698	2330	ug/kg	85.3	5					
Potassium		812000	29800	116000	ug/kg	85.3	5					
Selenium		16800	2330	14000	ug/kg	85.3	5					
Silver		3560	466	2330	ug/kg	85.3	5					
Vanadium		486000	466	2330	ug/kg	85.3	5					
Zinc		7660000	1860	9310	ug/kg	85.3	5					
Manganese		20100000	9310	46600	ug/kg	85.3	50	EM2	05/29/26	1314	3002723	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	358	ug/kg	0.0328	1	LL2	06/01/26	1503	3003489	5
1,2,4,5-Tetrachlorobenzene	U	ND	107	358	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	107	358	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	107	716	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-3.0 Project: RVDE00226C
Sample ID: 778952005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	358	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	107	358	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	10.7	35.8	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	107	358	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	358	ug/kg	0.0328	1					
2-Methylnaphthalene	J	29.4	10.7	35.8	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	107	358	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	107	358	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	107	358	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	143	358	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	107	358	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	107	358	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	107	358	ug/kg	0.0328	1					
Acenaphthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Acenaphthylene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Acetophenone	U	ND	107	358	ug/kg	0.0328	1					
Anthracene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Atrazine	U	ND	143	358	ug/kg	0.0328	1					
Benzaldehyde	U	ND	107	358	ug/kg	0.0328	1					
Benzo(a)anthracene	J	13.6	10.7	35.8	ug/kg	0.0328	1					
Benzo(a)pyrene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Benzo(b)fluoranthene	J	32.2	10.7	35.8	ug/kg	0.0328	1					
Benzo(ghi)perylene	J	14.7	10.7	35.8	ug/kg	0.0328	1					
Benzo(k)fluoranthene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Carbazole	U	ND	10.7	35.8	ug/kg	0.0328	1					
Chrysene		40.5	10.7	35.8	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dibenzofuran	U	ND	107	358	ug/kg	0.0328	1					
Diethylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
Diphenylamine	U	ND	107	358	ug/kg	0.0328	1					
Fluoranthene		97.4	10.7	35.8	ug/kg	0.0328	1					
Fluorene	U	ND	10.7	35.8	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-3.0 Project: RVDE00226C
Sample ID: 778952005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	358	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	107	358	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	107	358	ug/kg	0.0328	1					
Hexachloroethane	U	ND	107	358	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene	J	12.5	10.7	35.8	ug/kg	0.0328	1					
Isophorone	U	ND	107	358	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	107	358	ug/kg	0.0328	1					
Naphthalene	J	13.3	10.7	35.8	ug/kg	0.0328	1					
Nitrobenzene	U	ND	107	358	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	107	358	ug/kg	0.0328	1					
Phenanthrene		90.6	10.7	35.8	ug/kg	0.0328	1					
Phenol	U	ND	107	358	ug/kg	0.0328	1					
Pyrene		59.8	10.7	35.8	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	107	358	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.7	35.8	ug/kg	0.0328	1					
m,p-Cresols	U	ND	107	358	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	107	358	ug/kg	0.0328	1					
o-Cresol	U	ND	107	358	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	118	358	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	107	358	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.870	0.117	0.292	mg/kg	26.8	1	BR2	06/11/26	1513	3006104	6
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.239	0.718	ug/kg	0.658	1	PXY1	06/10/26	1711	3009599	7
1,1,2,2-Tetrachloroethane	U	ND	0.239	0.718	ug/kg	0.658	1					
1,1,2-Trichloroethane	U	ND	0.239	0.718	ug/kg	0.658	1					
1,1-Dichloroethane	U	ND	0.239	0.718	ug/kg	0.658	1					
1,1-Dichloroethylene	U	ND	0.239	0.718	ug/kg	0.658	1					
1,2,3-Trichlorobenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
1,2,4-Trichlorobenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
1,2-Dibromo-3-chloropropane	U	ND	0.359	0.718	ug/kg	0.658	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-3.0 Project: RVDE00226C
Sample ID: 778952005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.239	0.718	ug/kg	0.658	1					
1,2-Dichlorobenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
1,2-Dichloroethane	U	ND	0.239	0.718	ug/kg	0.658	1					
1,2-Dichloropropane	U	ND	0.239	0.718	ug/kg	0.658	1					
1,3-Dichlorobenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
1,4-Dichlorobenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
1,4-Dioxane	U	ND	12.0	35.9	ug/kg	0.658	1					
2-Butanone	U	ND	1.20	3.59	ug/kg	0.658	1					
2-Hexanone	U	ND	1.20	3.59	ug/kg	0.658	1					
4-Methyl-2-pentanone	U	ND	1.20	3.59	ug/kg	0.658	1					
Acetone		9.43	1.20	3.59	ug/kg	0.658	1					
Benzene	U	ND	0.239	0.718	ug/kg	0.658	1					
Bromochloromethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Bromodichloromethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Bromoform	U	ND	0.239	0.718	ug/kg	0.658	1					
Bromomethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Carbon disulfide		4.05	1.20	3.59	ug/kg	0.658	1					
Carbon tetrachloride	U	ND	0.239	0.718	ug/kg	0.658	1					
Chlorobenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
Chloroethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Chloroform	U	ND	0.239	0.718	ug/kg	0.658	1					
Chloromethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Cyclohexane	U	ND	0.239	0.718	ug/kg	0.658	1					
Dibromochloromethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Dichlorodifluoromethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Ethylbenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
Isopropylbenzene	U	ND	0.239	0.718	ug/kg	0.658	1					
Methyl acetate	U	ND	1.20	3.59	ug/kg	0.658	1					
Methylcyclohexane	U	ND	0.239	0.718	ug/kg	0.658	1					
Methylene chloride	U	ND	1.20	3.59	ug/kg	0.658	1					
Styrene	U	ND	0.239	0.718	ug/kg	0.658	1					
Tetrachloroethylene	U	ND	0.239	0.718	ug/kg	0.658	1					
Toluene	U	ND	0.239	0.718	ug/kg	0.658	1					
Trichloroethylene	U	ND	0.239	0.718	ug/kg	0.658	1					
Trichlorofluoromethane	U	ND	0.239	0.718	ug/kg	0.658	1					
Trichlorotrifluoroethane	U	ND	1.20	3.59	ug/kg	0.658	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-3.0 Project: RVDE00226C
Sample ID: 778952005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.239	0.718	ug/kg	0.658	1					
cis-1,2-Dichloroethylene	U	ND	0.239	0.718	ug/kg	0.658	1					
cis-1,3-Dichloropropylene	U	ND	0.239	0.718	ug/kg	0.658	1					
m,p-Xylenes	U	ND	0.479	1.44	ug/kg	0.658	1					
o-Xylene	U	ND	0.239	0.718	ug/kg	0.658	1					
tert-Butyl methyl ether	U	ND	0.239	0.718	ug/kg	0.658	1					
trans-1,2-Dichloroethylene	U	ND	0.239	0.718	ug/kg	0.658	1					
trans-1,3-Dichloropropylene	U	ND	0.239	0.718	ug/kg	0.658	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	05/28/26	1545	3002722
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	05/28/26	1630	3002734
SW846 3546	Prep Method 3546 for Solid	DC2	06/01/26	0801	3003487
SW846 5035	5035 Prep	PXY1	05/17/26	1110	3009598
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3546/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1200 ug/kg	1790	67	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1260 ug/kg	1790	71	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1230 ug/kg	1790	69	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1880 ug/kg	3580	52	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2570 ug/kg	3580	72	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1610 ug/kg	3580	45	(23%-108%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	35.4 ug/kg	50.0	99	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-37-3.0	Project:	RVDE00226C
Sample ID:	778952005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
1,2-Dichloroethane-d4		36.4			ug/kg		50.0	101	(75%-131%)		SW846 8260 TCL Volatiles "Dry Weight Corrected"
Toluene-d8		35.9			ug/kg		50.0	100	(79%-122%)		SW846 8260 TCL Volatiles "Dry Weight Corrected"

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-052726
Sample ID: 778952006
Matrix: Water
Collect Date: 27-MAY-26 17:00
Receive Date: 28-MAY-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/01/26	1020	3003194	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	JWJ	06/08/26	1626	3002725	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium	J	1.80	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		377	50.0	200	ug/L	1.00	1					
Chromium	J	1.44	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	31.6	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium	U	ND	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		759	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	11.3	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.92	9.75	ug/L	0.000975	1	LL2	06/01/26	2335	3002795	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.92	9.75	ug/L	0.000975	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
2,4,5-Trichlorophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
2,4,6-Trichlorophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
2,4-Dichlorophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
2,4-Dimethylphenol	U	ND	2.92	9.75	ug/L	0.000975	1					
2,4-Dinitrophenol	U	ND	4.87	19.5	ug/L	0.000975	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-052726 Project: RVDE00226C
Sample ID: 778952006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.92	9.75	ug/L	0.000975	1					
2,6-Dinitrotoluene	U	ND	2.92	9.75	ug/L	0.000975	1					
2-Chloronaphthalene	U	ND	0.400	0.975	ug/L	0.000975	1					
2-Chlorophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
2-Methylnaphthalene	U	ND	0.292	0.975	ug/L	0.000975	1					
2-Nitrophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
3,3'-Dichlorobenzidine	U	ND	2.92	9.75	ug/L	0.000975	1					
4-Bromophenylphenylether	U	ND	2.92	9.75	ug/L	0.000975	1					
4-Chloro-3-methylphenol	U	ND	2.92	9.75	ug/L	0.000975	1					
4-Chloroaniline	U	ND	3.22	9.75	ug/L	0.000975	1					
4-Chlorophenylphenylether	U	ND	2.92	9.75	ug/L	0.000975	1					
4-Nitrophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
Acenaphthene	U	ND	0.292	0.975	ug/L	0.000975	1					
Acenaphthylene	U	ND	0.292	0.975	ug/L	0.000975	1					
Acetophenone	U	ND	2.92	9.75	ug/L	0.000975	1					
Anthracene	U	ND	0.292	0.975	ug/L	0.000975	1					
Atrazine	U	ND	2.92	9.75	ug/L	0.000975	1					
Benzaldehyde	U	ND	2.92	9.75	ug/L	0.000975	1					
Benzo(a)anthracene	U	ND	0.292	0.975	ug/L	0.000975	1					
Benzo(a)pyrene	U	ND	0.292	0.975	ug/L	0.000975	1					
Benzo(b)fluoranthene	U	ND	0.292	0.975	ug/L	0.000975	1					
Benzo(ghi)perylene	U	ND	0.292	0.975	ug/L	0.000975	1					
Benzo(k)fluoranthene	U	ND	0.292	0.975	ug/L	0.000975	1					
Butylbenzylphthalate	U	ND	0.292	0.975	ug/L	0.000975	1					
Carbazole	U	ND	0.292	0.975	ug/L	0.000975	1					
Chrysene	U	ND	0.292	0.975	ug/L	0.000975	1					
Di-n-butylphthalate	U	ND	0.292	0.975	ug/L	0.000975	1					
Di-n-octylphthalate	U	ND	0.292	0.975	ug/L	0.000975	1					
Dibenzo(a,h)anthracene	U	ND	0.292	0.975	ug/L	0.000975	1					
Dibenzofuran	U	ND	2.92	9.75	ug/L	0.000975	1					
Diethylphthalate	U	ND	0.292	0.975	ug/L	0.000975	1					
Dimethylphthalate	U	ND	0.292	0.975	ug/L	0.000975	1					
Diphenylamine	U	ND	2.92	9.75	ug/L	0.000975	1					
Fluoranthene	U	ND	0.292	0.975	ug/L	0.000975	1					
Fluorene	U	ND	0.292	0.975	ug/L	0.000975	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-052726 Project: RVDE00226C
Sample ID: 778952006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.92	9.75	ug/L	0.000975	1					
Hexachlorobutadiene	U	ND	2.92	9.75	ug/L	0.000975	1					
Hexachlorocyclopentadiene	U	ND	2.92	9.75	ug/L	0.000975	1					
Hexachloroethane	U	ND	2.92	9.75	ug/L	0.000975	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.292	0.975	ug/L	0.000975	1					
Isophorone	U	ND	3.41	9.75	ug/L	0.000975	1					
N-Nitrosodipropylamine	U	ND	2.92	9.75	ug/L	0.000975	1					
Naphthalene	U	ND	0.292	0.975	ug/L	0.000975	1					
Nitrobenzene	U	ND	2.92	9.75	ug/L	0.000975	1					
Pentachlorophenol	U	ND	2.92	9.75	ug/L	0.000975	1					
Phenanthrene	U	ND	0.292	0.975	ug/L	0.000975	1					
Phenol	U	ND	2.92	9.75	ug/L	0.000975	1					
Pyrene	U	ND	0.292	0.975	ug/L	0.000975	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.92	9.75	ug/L	0.000975	1					
bis(2-Chloroethoxy)methane	U	ND	2.92	9.75	ug/L	0.000975	1					
bis(2-Chloroethyl) ether	U	ND	2.92	9.75	ug/L	0.000975	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.292	0.975	ug/L	0.000975	1					
m,p-Cresols	U	ND	3.61	9.75	ug/L	0.000975	1					
m-Nitroaniline	U	ND	2.92	9.75	ug/L	0.000975	1					
o-Cresol	U	ND	2.92	9.75	ug/L	0.000975	1					
o-Nitroaniline	U	ND	2.92	9.75	ug/L	0.000975	1					
p-Nitroaniline	U	ND	2.92	9.75	ug/L	0.000975	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	05/28/26	1309	3002649	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	06/10/26	1902	3009411	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-052726 Project: RVDE00226C
Sample ID: 778952006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		1.15	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.640	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-052726 Project: RVDE00226C
Sample ID: 778952006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	CJ3	05/28/26	1535	3002724
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	06/01/26	1320	3002794
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	05/29/26	1400	3003193

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	36.7 ug/L	48.7	75	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	39.7 ug/L	48.7	81	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	30.1 ug/L	48.7	62	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	75.6 ug/L	97.5	78	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	22.4 ug/L	97.5	23	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	31.9 ug/L	97.5	33	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	55.9 ug/L	50.0	112	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	62.7 ug/L	50.0	125	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	54.0 ug/L	50.0	108	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 11, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-EB-052726	Project:	RVDE00226C
Sample ID:	778952006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: June 11, 2026

Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-1.0
Sample ID: 778952002
Matrix: Soil
Collect Date: 27-MAY-26
Receive Date: 28-MAY-26
Collector: Client
Moisture: 2.67%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: June 11, 2026

Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-38-5.0
Sample ID: 778952003
Matrix: Soil
Collect Date: 27-MAY-26
Receive Date: 28-MAY-26
Collector: Client
Moisture: 9.22%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: June 11, 2026

Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-1.0
Sample ID: 778952004
Matrix: Soil
Collect Date: 27-MAY-26
Receive Date: 28-MAY-26
Collector: Client
Moisture: 2.42%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: June 11, 2026

Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-37-3.0
Sample ID: 778952005
Matrix: Soil
Collect Date: 27-MAY-26
Receive Date: 28-MAY-26
Collector: Client
Moisture: 8.35%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

QC Summary

Report Date: June 11, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 3002723											
QC1206481237 LCS											
Aluminum	439000			424000	ug/kg		96.6	(80%-120%)	EM2	05/29/26	12:12
Antimony	43900			42800	ug/kg		97.6	(80%-120%)			
Arsenic	43900			43900	ug/kg		100	(80%-120%)			
Barium	43900			44100	ug/kg		101	(80%-120%)			
Beryllium	43900			45100	ug/kg		103	(80%-120%)			
Cadmium	43900			44200	ug/kg		101	(80%-120%)			
Calcium	439000			438000	ug/kg		100	(80%-120%)			
Chromium	43900			43900	ug/kg		100	(80%-120%)			
Cobalt	43900			43800	ug/kg		99.8	(80%-120%)			
Copper	43900			43500	ug/kg		99.3	(80%-120%)			
Iron	439000			438000	ug/kg		99.8	(80%-120%)			
Lead	43900			43000	ug/kg		97.9	(80%-120%)			

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002723										
Magnesium	439000			443000	ug/kg		101	(80%-120%)	EM2	05/29/26 12:12
Manganese	43900			43700	ug/kg		99.6	(80%-120%)		
Nickel	43900			43300	ug/kg		98.7	(80%-120%)		
Potassium	439000			431000	ug/kg		98.3	(80%-120%)		
Selenium	43900			44600	ug/kg		102	(80%-120%)		
Silver	8770			8560	ug/kg		97.6	(80%-120%)		
Sodium	439000			424000	ug/kg		96.6	(80%-120%)		
Thallium	43900			43000	ug/kg		98	(80%-120%)		
Vanadium	43900			43700	ug/kg		99.7	(80%-120%)		
Zinc	43900			44000	ug/kg		100	(80%-120%)		
QC1206481236 MB										
Aluminum			U	ND	ug/kg					05/29/26 12:08
Antimony			J	847	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002723										
Beryllium			U	ND	ug/kg				EM2	05/29/26 12:08
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002723										
Sodium			U	ND	ug/kg				EM2	05/29/26 12:08
Thallium			U	ND	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			J	520	ug/kg					
QC1206481238 778952002 MS										
Aluminum	507000	6390000		9400000	ug/kg		N/A	(75%-125%)		05/29/26 12:17
Antimony	50700 J	7840		53100	ug/kg		89.2	(75%-125%)		05/29/26 12:55
Arsenic	50700 J	20800		62000	ug/kg		81.4	(75%-125%)		
Barium	50700	82900		157000	ug/kg		146*	(75%-125%)		
Beryllium	50700 U	ND		55700	ug/kg		109	(75%-125%)		05/29/26 12:17
Cadmium	50700 U	ND		48400	ug/kg		95.5	(75%-125%)		05/29/26 12:55
Calcium	507000	67400000		86000000	ug/kg		N/A	(75%-125%)		05/29/26 12:17
Chromium	50700	1090000		1470000	ug/kg		N/A	(75%-125%)		05/29/26 12:55
Cobalt	50700	16700		71000	ug/kg		107	(75%-125%)		
Copper	50700	368000		413000	ug/kg		N/A	(75%-125%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 3002723												
Iron	507000		413000000		404000000	ug/kg			N/A	(75%-125%)	EM2	05/29/26 12:55
Lead	50700		46900		101000	ug/kg			106	(75%-125%)		
Magnesium	507000		33200000		41300000	ug/kg			N/A	(75%-125%)		
Manganese	50700		7280000		8840000	ug/kg			N/A	(75%-125%)		
Nickel	50700		135000		181000	ug/kg			90.4	(75%-125%)		
Potassium	507000	U	ND		643000	ug/kg			114	(75%-125%)		
Selenium	50700	J	28400		81200	ug/kg			104	(75%-125%)		
Silver	10100	U	ND		11700	ug/kg			110	(75%-125%)		
Sodium	507000		196000		913000	ug/kg			141*	(75%-125%)		05/29/26 12:17
Thallium	50700	U	ND		47500	ug/kg			93.8	(75%-125%)		
Vanadium	50700		113000		190000	ug/kg			152*	(75%-125%)		05/29/26 12:55
Zinc	50700		1210000		1140000	ug/kg			N/A	(75%-125%)		
QC1206481239 778952002 MSD												
Aluminum	480000		6390000		7740000	ug/kg	19.4		N/A	(0%-20%)		05/29/26 12:19
Antimony	48000	J	7840		72600	ug/kg	31.1	*	135*	(0%-20%)		05/29/26 12:57

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 3002723												
Arsenic	48000	J	20800		73100	ug/kg	16.4		109	(0%-20%)	EM2	05/29/26 12:57
Barium	48000		82900		190000	ug/kg	19		222 *	(0%-20%)		
Beryllium	48000	U	ND		49800	ug/kg	11.3		103	(0%-20%)		05/29/26 12:19
Cadmium	48000	U	ND		62300	ug/kg	25.2	*	130 *	(0%-20%)		05/29/26 12:57
Calcium	480000		67400000		66400000	ug/kg	25.7	*	N/A	(0%-20%)		05/29/26 12:19
Chromium	48000		1090000		1560000	ug/kg	6.11		N/A	(0%-20%)		05/29/26 12:57
Cobalt	48000		16700		87600	ug/kg	21	*	148 *	(0%-20%)		
Copper	48000		368000		674000	ug/kg	47.9	*	N/A	(0%-20%)		
Iron	480000		413000000		493000000	ug/kg	19.7		N/A	(0%-20%)		
Lead	48000		46900		126000	ug/kg	22.1	*	164 *	(0%-20%)		
Magnesium	480000		33200000		43000000	ug/kg	4.02		N/A	(0%-20%)		
Manganese	48000		7280000		10700000	ug/kg	19		N/A	(0%-20%)		
Nickel	48000		135000		283000	ug/kg	44.2	*	309 *	(0%-20%)		
Potassium	480000	U	ND		700000	ug/kg	8.6		132 *	(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 3002723												
Selenium	48000	J	28400		62200	ug/kg	26.6	*	70.4*	(0%-20%)	EM2	05/29/26 12:57
Silver	9600	U	ND		13000	ug/kg	10.6		130*	(0%-20%)		
Sodium	480000		196000		731000	ug/kg	22.1	*	111	(0%-20%)		05/29/26 12:19
Thallium	48000	U	ND		43700	ug/kg	8.28		91.1	(0%-20%)		
Vanadium	48000		113000		220000	ug/kg	14.6		223*	(0%-20%)		05/29/26 12:57
Zinc	48000		1210000		1710000	ug/kg	40.1	*	N/A	(0%-20%)		
QC1206481240 778952002 PS												
Antimony	500	J	7.79		508	ug/L			100	(75%-125%)		05/29/26 12:59
Barium	500		82.3		581	ug/L			99.8	(75%-125%)		
Cadmium	500	U	ND		489	ug/L			97.9	(75%-125%)		
Cobalt	500		16.5		519	ug/L			100	(75%-125%)		
Lead	500		46.6		532	ug/L			97	(75%-125%)		
Nickel	500		134		619	ug/L			97.1	(75%-125%)		
Potassium	5000	U	ND		5210	ug/L			103	(75%-125%)		
Selenium	500	J	28.2		527	ug/L			99.8	(75%-125%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 3002723												
Silver	100	U	ND		96.6	ug/L			96	(75%-125%)	EM2	05/29/26 12:59
Sodium	5000		390		5600	ug/L			104	(75%-125%)		05/29/26 12:22
Vanadium	500		113		622	ug/L			102	(75%-125%)		05/29/26 12:59
QC1206481241 778952002 SDILT												
Aluminum			12700	E	3110	ug/L	22.6	*		(0%-20%)		05/29/26 12:25
Antimony		J	7.79	J	4.23	ug/L	172			(0%-20%)		05/29/26 13:02
Arsenic		J	20.6	U	ND	ug/L	N/A			(0%-20%)		
Barium			82.3		17.7	ug/L	7.5			(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A			(0%-20%)		05/29/26 12:25
Cadmium		U	ND	U	ND	ug/L	N/A			(0%-20%)		05/29/26 13:02
Calcium			134000	E	33500	ug/L	25	*		(0%-20%)		05/29/26 12:25
Chromium			1090		229	ug/L	5.39			(0%-20%)		05/29/26 13:02
Cobalt			16.5	J	3.34	ug/L	1.08			(0%-20%)		
Copper			365		73.8	ug/L	1.16			(0%-20%)		
Iron			410000		84900	ug/L	3.55			(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002723										
Lead		46.6	J	11.4	ug/L	22		(0%-20%)	EM2	05/29/26 13:02
Magnesium		33000		6660	ug/L	.993		(0%-20%)		
Manganese		7220		1580	ug/L	9.49		(0%-20%)		
Nickel		134		29.0	ug/L	8.44		(0%-20%)		
Potassium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Selenium	J	28.2	J	10.8	ug/L	91.8		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		390	J	94.2	ug/L	20.9		(0%-20%)		05/29/26 12:25
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		113		23.3	ug/L	3.42		(0%-20%)		05/29/26 13:02
Zinc		1200		256	ug/L	6.62		(0%-20%)		
Batch 3002725										
QC1206481243 LCS										
Aluminum	5000			4820	ug/L		96.3	(80%-120%)	JWJ	06/08/26 16:23
Antimony	500			465	ug/L		93	(80%-120%)		
Arsenic	500			483	ug/L		96.6	(80%-120%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002725										
Barium	500			462	ug/L		92.5	(80%-120%)	JWJ	06/08/26 16:23
Beryllium	500			479	ug/L		95.8	(80%-120%)		
Cadmium	500			466	ug/L		93.2	(80%-120%)		
Calcium	5000			4710	ug/L		94.3	(80%-120%)		
Chromium	500			468	ug/L		93.5	(80%-120%)		
Cobalt	500			472	ug/L		94.4	(80%-120%)		
Copper	500			460	ug/L		92	(80%-120%)		
Iron	5000			4880	ug/L		97.6	(80%-120%)		
Lead	500			479	ug/L		95.7	(80%-120%)		
Magnesium	5000			4840	ug/L		96.7	(80%-120%)		
Manganese	500			470	ug/L		94	(80%-120%)		
Nickel	500			465	ug/L		93	(80%-120%)		
Potassium	5000			4900	ug/L		98	(80%-120%)		
Selenium	500			441	ug/L		88.1	(80%-120%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002725										
Silver	100			89.9	ug/L		89.9	(80%-120%)	JWJ	06/08/26 16:23
Sodium	5000			4890	ug/L		97.9	(80%-120%)		
Thallium	500			479	ug/L		95.7	(80%-120%)		
Vanadium	500			466	ug/L		93.2	(80%-120%)		
Zinc	500			466	ug/L		93.2	(80%-120%)		
QC1206481242 MB										
Aluminum			U	ND	ug/L					06/08/26 16:20
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			J	1.42	ug/L					
Cobalt			U	ND	ug/L					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002725										
Copper			U	ND	ug/L				JWJ	06/08/26 16:20
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					
Sodium			U	ND	ug/L					
Thallium			U	ND	ug/L					
Vanadium			U	ND	ug/L					
Zinc				12.1	ug/L					
QC1206481244 778952006 MS										
Aluminum	5000	U	ND	4900	ug/L		97.4	(75%-125%)		06/08/26 16:29

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3002725											
Antimony	500	U	ND		471	ug/L		94.3	(75%-125%)	JWJ	06/08/26 16:29
Arsenic	500	U	ND		478	ug/L		95.3	(75%-125%)		
Barium	500	J	1.80		459	ug/L		91.5	(75%-125%)		
Beryllium	500	U	ND		475	ug/L		95	(75%-125%)		
Cadmium	500	U	ND		463	ug/L		92.7	(75%-125%)		
Calcium	5000		377		5150	ug/L		95.4	(75%-125%)		
Chromium	500	J	1.44		470	ug/L		93.7	(75%-125%)		
Cobalt	500	U	ND		469	ug/L		93.7	(75%-125%)		
Copper	500	U	ND		461	ug/L		92.2	(75%-125%)		
Iron	5000	J	31.6		4950	ug/L		98.4	(75%-125%)		
Lead	500	U	ND		479	ug/L		95.5	(75%-125%)		
Magnesium	5000	U	ND		5020	ug/L		98.7	(75%-125%)		
Manganese	500	U	ND		472	ug/L		94.2	(75%-125%)		
Nickel	500	U	ND		469	ug/L		93.7	(75%-125%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3002725											
Potassium	5000	U	ND		4880	ug/L		97.7	(75%-125%)	JWJ	06/08/26 16:29
Selenium	500	U	ND		451	ug/L		90.2	(75%-125%)		
Silver	100	U	ND		90.3	ug/L		90.3	(75%-125%)		
Sodium	5000		759		5640	ug/L		97.5	(75%-125%)		
Thallium	500	U	ND		482	ug/L		96.4	(75%-125%)		
Vanadium	500	U	ND		471	ug/L		94.1	(75%-125%)		
Zinc	500	J	11.3		463	ug/L		90.4	(75%-125%)		
QC1206481245 778952006 MSD											
Aluminum	5000	U	ND		4970	ug/L	1.38	98.8	(0%-20%)		06/08/26 16:31
Antimony	500	U	ND		474	ug/L	0.616	94.8	(0%-20%)		
Arsenic	500	U	ND		485	ug/L	1.41	96.7	(0%-20%)		
Barium	500	J	1.80		468	ug/L	1.89	93.2	(0%-20%)		
Beryllium	500	U	ND		485	ug/L	2.11	97	(0%-20%)		
Cadmium	500	U	ND		472	ug/L	1.91	94.5	(0%-20%)		
Calcium	5000		377		5200	ug/L	0.945	96.4	(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 3002725												
Chromium	500	J	1.44		478	ug/L	1.59	95.2	(0%-20%)	JWJ	06/08/26	16:31
Cobalt	500	U	ND		475	ug/L	1.35	95	(0%-20%)			
Copper	500	U	ND		468	ug/L	1.44	93.6	(0%-20%)			
Iron	5000	J	31.6		5040	ug/L	1.67	100	(0%-20%)			
Lead	500	U	ND		487	ug/L	1.73	97.2	(0%-20%)			
Magnesium	5000	U	ND		5040	ug/L	0.433	99.2	(0%-20%)			
Manganese	500	U	ND		478	ug/L	1.23	95.3	(0%-20%)			
Nickel	500	U	ND		473	ug/L	0.822	94.5	(0%-20%)			
Potassium	5000	U	ND		4920	ug/L	0.734	98.4	(0%-20%)			
Selenium	500	U	ND		467	ug/L	3.39	93.3	(0%-20%)			
Silver	100	U	ND		90.3	ug/L	0.0526	90.3	(0%-20%)			
Sodium	5000		759		5690	ug/L	0.914	98.6	(0%-20%)			
Thallium	500	U	ND		488	ug/L	1.19	97.6	(0%-20%)			
Vanadium	500	U	ND		475	ug/L	0.986	95	(0%-20%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 3002725												
Zinc	500	J	11.3		474	ug/L	2.2	92.5	(0%-20%)	JWJ	06/08/26	16:31
QC1206481247 778952006 SDILT												
Aluminum		U	ND	U	ND	ug/L	N/A		(0%-20%)		06/08/26	16:34
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Barium		J	1.80	U	ND	ug/L	N/A		(0%-20%)			
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Calcium			377	J	81.4	ug/L	7.92		(0%-20%)			
Chromium		J	1.44	U	ND	ug/L	N/A		(0%-20%)			
Cobalt		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Copper		U	ND	U	ND	ug/L	N/A		(0%-20%)			
Iron		J	31.6	U	ND	ug/L	N/A		(0%-20%)			
Lead		U	ND	J	4.24	ug/L	N/A		(0%-20%)			
Magnesium		U	ND	U	ND	ug/L	N/A		(0%-20%)			

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3002725										
Manganese	U	ND	U	ND	ug/L	N/A		(0%-20%)	JWJ	06/08/26 16:34
Nickel	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Potassium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		759	J	146	ug/L	3.92		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Zinc	J	11.3	U	ND	ug/L	N/A		(0%-20%)		
Metals Analysis-Mercury										
Batch 3002748										
QC1206481314 778722001 DUP										
Mercury	J	12.7	J	7.80	ug/kg	47.7	^	(+/-23.3)	JP2	05/29/26 11:36
QC1206481310 LCS										
Mercury	211			223	ug/kg		106	(80%-120%)		05/29/26 11:25
QC1206481309 MB										
Mercury			U	ND	ug/kg					05/29/26 11:24

QC Summary

Workorder: 778952

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 3002748											
QC1206481315 778722001 MS											
Mercury	234	J	12.7		250	ug/kg		101	(80%-120%)	JP2	05/29/26 11:37
Batch 3003194											
QC1206482167 776752009 DUP											
Mercury		U	ND	U	ND	ug/L	N/A			JP2	06/01/26 09:50
QC1206482165 LCS											
Mercury	2.00				2.06	ug/L		103	(80%-120%)		06/01/26 09:42
QC1206482164 MB											
Mercury				U	ND	ug/L					06/01/26 09:40
QC1206482168 776752009 MS											
Mercury	2.00	U	ND		1.98	ug/L		97.5	(75%-125%)		06/01/26 09:52
Semi-Volatile-GC/MS											
Batch 3002795											
QC1206481373 LCS											
1,1'-Biphenyl	50.0				37.1	ug/L		74	(45%-114%)	LL2	06/01/26 18:29
1,2,4,5-Tetrachlorobenzene	50.0				36.9	ug/L		74	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0				36.3	ug/L		73	(41%-119%)		
2,4,5-Trichlorophenol	50.0				36.1	ug/L		72	(42%-122%)		
2,4,6-Trichlorophenol	50.0				35.9	ug/L		72	(40%-119%)		
2,4-Dichlorophenol	50.0				32.7	ug/L		65	(36%-111%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3002795										
2,4-Dimethylphenol	50.0			17.7	ug/L		35	(31%-68%)	LL2	06/01/26 18:29
2,4-Dinitrophenol	50.0			45.1	ug/L		90	(30%-120%)		
2,4-Dinitrotoluene	50.0			40.2	ug/L		80	(48%-128%)		
2,6-Dinitrotoluene	50.0			40.8	ug/L		82	(47%-124%)		
2-Chloronaphthalene	50.0			44.1	ug/L		88	(41%-113%)		
2-Chlorophenol	50.0			26.4	ug/L		53	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			40.7	ug/L		81	(32%-131%)		
2-Methylnaphthalene	50.0			39.6	ug/L		79	(42%-116%)		
2-Nitrophenol	50.0			36.4	ug/L		73	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			44.7	ug/L		89	(43%-116%)		
4-Bromophenylphenylether	50.0			42.1	ug/L		84	(49%-125%)		
4-Chloro-3-methylphenol	50.0			30.6	ug/L		61	(35%-113%)		
4-Chloroaniline	50.0			33.5	ug/L		67	(39%-112%)		
4-Chlorophenylphenylether	50.0			41.7	ug/L		83	(48%-124%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 3002795											
4-Nitrophenol	50.0		J	4.56	ug/L		9 *	(25%-69%)	LL2	06/01/26	18:29
Acenaphthene	50.0			36.9	ug/L		74	(44%-118%)			
Acenaphthylene	50.0			34.3	ug/L		69	(42%-110%)			
Acetophenone	50.0			34.0	ug/L		68	(44%-114%)			
Anthracene	50.0			37.3	ug/L		75	(49%-121%)			
Atrazine	50.0			35.8	ug/L		72	(49%-147%)			
Benzaldehyde	50.0			22.1	ug/L		44	(27%-111%)			
Benzo(a)anthracene	50.0			36.7	ug/L		73	(46%-121%)			
Benzo(a)pyrene	50.0			35.8	ug/L		72	(41%-120%)			
Benzo(b)fluoranthene	50.0			40.8	ug/L		82	(45%-126%)			
Benzo(ghi)perylene	50.0			38.0	ug/L		76	(44%-129%)			
Benzo(k)fluoranthene	50.0			36.1	ug/L		72	(44%-126%)			
Butylbenzylphthalate	50.0			42.5	ug/L		85	(47%-135%)			
Carbazole	50.0			39.4	ug/L		79	(52%-127%)			

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3002795										
Chrysene	50.0			35.7	ug/L		71	(46%-121%)	LL2	06/01/26 18:29
Di-n-butylphthalate	50.0			40.1	ug/L		80	(51%-132%)		
Di-n-octylphthalate	50.0			37.1	ug/L		74	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			38.0	ug/L		76	(42%-123%)		
Dibenzofuran	50.0			37.7	ug/L		75	(48%-118%)		
Diethylphthalate	50.0			39.0	ug/L		78	(51%-131%)		
Dimethylphthalate	50.0			39.1	ug/L		78	(48%-129%)		
Diphenylamine	50.0			37.6	ug/L		75	(49%-122%)		
Fluoranthene	50.0			39.9	ug/L		80	(50%-126%)		
Fluorene	50.0			38.0	ug/L		76	(48%-122%)		
Hexachlorobenzene	50.0			40.5	ug/L		81	(46%-122%)		
Hexachlorobutadiene	50.0			33.2	ug/L		66	(32%-94%)		
Hexachlorocyclopentadiene	50.0			20.6	ug/L		41	(31%-64%)		
Hexachloroethane	50.0			27.5	ug/L		55	(31%-89%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3002795										
Indeno(1,2,3-cd)pyrene	50.0			39.3	ug/L		79	(40%-125%)	LL2	06/01/26 18:29
Isophorone	50.0			31.9	ug/L		64	(39%-126%)		
N-Nitrosodipropylamine	50.0			31.8	ug/L		64	(44%-122%)		
Naphthalene	50.0			33.7	ug/L		67	(41%-107%)		
Nitrobenzene	50.0			33.1	ug/L		66	(42%-112%)		
Pentachlorophenol	50.0			42.1	ug/L		84	(36%-124%)		
Phenanthrene	50.0			37.7	ug/L		75	(48%-120%)		
Phenol	50.0			13.6	ug/L		27	(12%-90%)		
Pyrene	50.0			40.0	ug/L		80	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			29.6	ug/L		59	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			35.2	ug/L		70	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			32.8	ug/L		66	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			37.7	ug/L		75	(42%-132%)		
m,p-Cresols	50.0			24.7	ug/L		49	(29%-82%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3002795										
m-Nitroaniline	50.0			38.1	ug/L		76	(44%-119%)	LL2	06/01/26 18:29
o-Cresol	50.0			22.8	ug/L		46	(29%-86%)		
o-Nitroaniline	50.0			44.8	ug/L		90	(45%-128%)		
p-Nitroaniline	50.0			40.5	ug/L		81	(46%-130%)		
**2,4,6-Tribromophenol	100			81.7	ug/L		82	(28%-113%)		
**2-Fluorobiphenyl	50.0			35.6	ug/L		71	(32%-102%)		
**2-Fluorophenol	100			33.4	ug/L		33	(15%-72%)		
**Nitrobenzene-d5	50.0			33.0	ug/L		66	(31%-100%)		
**Phenol-d5	100			25.0	ug/L		25	(15%-85%)		
**p-Terphenyl-d14	50.0			33.5	ug/L		67	(20%-118%)		
QC1206481372 MB										
1,1'-Biphenyl			U	ND	ug/L					06/01/26 18:03
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3002795										
2,4,6-Trichlorophenol			U	ND	ug/L				LL2	06/01/26 18:03
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3002795										
4-Chloroaniline			U	ND	ug/L				LL2	06/01/26 18:03
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 3002795											
Butylbenzylphthalate			U	ND	ug/L				LL2	06/01/26	18:03
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 3002795											
Hexachlorocyclopentadiene			U	ND	ug/L				LL2	06/01/26	18:03
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						
Naphthalene			U	ND	ug/L						
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L						
Pyrene			U	ND	ug/L						
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L						
bis(2-Chloroethoxy)methane			U	ND	ug/L						
bis(2-Chloroethyl) ether			U	ND	ug/L						

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
bis(2-Ethylhexyl)phthalate				U	ND	ug/L				LL2	06/01/26 18:03
m,p-Cresols				U	ND	ug/L					
m-Nitroaniline				U	ND	ug/L					
o-Cresol				U	ND	ug/L					
o-Nitroaniline				U	ND	ug/L					
p-Nitroaniline				U	ND	ug/L					
**2,4,6-Tribromophenol	100				87.1	ug/L		87	(28%-113%)		
**2-Fluorobiphenyl	50.0				37.5	ug/L		75	(32%-102%)		
**2-Fluorophenol	100				38.1	ug/L		38	(15%-72%)		
**Nitrobenzene-d5	50.0				34.3	ug/L		69	(31%-100%)		
**Phenol-d5	100				26.5	ug/L		27	(15%-85%)		
**p-Terphenyl-d14	50.0				38.5	ug/L		77	(20%-118%)		
QC1206482025 779011001 MS											
1,1'-Biphenyl	116	U	ND		92.0	ug/L		79	(30%-119%)		06/02/26 00:20
1,2,4,5-Tetrachlorobenzene	116	U	ND		93.6	ug/L		80	(28%-109%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3002795												
2,3,4,6-Tetrachlorophenol	116	U	ND		99.1	ug/L		85	(31%-125%)	LL2	06/02/26	00:20
2,4,5-Trichlorophenol	116	U	ND		98.5	ug/L		85	(32%-128%)			
2,4,6-Trichlorophenol	116	U	ND		97.7	ug/L		84	(32%-122%)			
2,4-Dichlorophenol	116	U	ND		98.5	ug/L		85	(30%-117%)			
2,4-Dimethylphenol	116	U	ND		54.3	ug/L		47	(21%-75%)			
2,4-Dinitrophenol	116	U	ND		121	ug/L		104	(24%-128%)			
2,4-Dinitrotoluene	116	U	ND		98.5	ug/L		85	(36%-129%)			
2,6-Dinitrotoluene	116	U	ND		99.3	ug/L		85	(35%-126%)			
2-Chloronaphthalene	116	U	ND		109	ug/L		94	(31%-114%)			
2-Chlorophenol	116	U	ND		86.5	ug/L		74	(25%-106%)			
2-Methyl-4,6-dinitrophenol	116	U	ND		109	ug/L		94	(25%-131%)			
2-Methylnaphthalene	116	J	0.310		101	ug/L		87	(32%-117%)			
2-Nitrophenol	116	U	ND		101	ug/L		87	(28%-118%)			
3,3'-Dichlorobenzidine	116	U	ND		110	ug/L		94	(24%-119%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
4-Bromophenylphenylether	116	U	ND		104	ug/L		90	(36%-126%)	LL2	06/02/26 00:20
4-Chloro-3-methylphenol	116	U	ND		93.8	ug/L		81	(32%-122%)		
4-Chloroaniline	116	U	ND		87.6	ug/L		75	(27%-117%)		
4-Chlorophenylphenylether	116	U	ND		104	ug/L		89	(35%-126%)		
4-Nitrophenol	116	U	ND		79.8	ug/L		69	(9%-95%)		
Acenaphthene	116	U	ND		89.7	ug/L		77	(33%-118%)		
Acenaphthylene	116	U	ND		84.2	ug/L		72	(30%-112%)		
Acetophenone	116	U	ND		89.0	ug/L		77	(31%-118%)		
Anthracene	116	U	ND		92.4	ug/L		79	(35%-122%)		
Atrazine	116	U	ND		76.6	ug/L		66	(26%-158%)		
Benzaldehyde	116	U	ND	J	14.1	ug/L		12*	(16%-109%)		
Benzo(a)anthracene	116	U	ND		93.1	ug/L		80	(33%-122%)		
Benzo(a)pyrene	116	U	ND		92.9	ug/L		80	(30%-121%)		
Benzo(b)fluoranthene	116	U	ND		103	ug/L		89	(33%-128%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Benzo(ghi)perylene	116	U	ND		100	ug/L		86	(31%-131%)	LL2	06/02/26 00:20
Benzo(k)fluoranthene	116	U	ND		95.1	ug/L		82	(32%-128%)		
Butylbenzylphthalate	116	U	ND		105	ug/L		90	(35%-136%)		
Carbazole	116	U	ND		95.6	ug/L		82	(39%-129%)		
Chrysene	116	U	ND		89.8	ug/L		77	(34%-122%)		
Di-n-butylphthalate	116	U	ND		98.7	ug/L		85	(36%-133%)		
Di-n-octylphthalate	116	U	ND		95.1	ug/L		82	(29%-136%)		
Dibenzo(a,h)anthracene	116	U	ND		101	ug/L		87	(30%-124%)		
Dibenzofuran	116	U	ND		93.1	ug/L		80	(36%-120%)		
Diethylphthalate	116	U	ND		95.4	ug/L		82	(37%-133%)		
Dimethylphthalate	116	U	ND		96.9	ug/L		83	(36%-131%)		
Diphenylamine	116	U	ND		92.5	ug/L		80	(33%-124%)		
Fluoranthene	116	U	ND		99.5	ug/L		86	(36%-128%)		
Fluorene	116	U	ND		92.5	ug/L		80	(35%-124%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Hexachlorobenzene	116	U	ND		103	ug/L		88	(34%-123%)	LL2	06/02/26 00:20
Hexachlorobutadiene	116	U	ND		87.7	ug/L		75	(22%-97%)		
Hexachlorocyclopentadiene	116	U	ND		50.6	ug/L		44	(18%-65%)		
Hexachloroethane	116	U	ND		67.8	ug/L		58	(20%-91%)		
Indeno(1,2,3-cd)pyrene	116	U	ND		102	ug/L		88	(29%-127%)		
Isophorone	116	U	ND		78.4	ug/L		67	(27%-128%)		
N-Nitrosodipropylamine	116	U	ND		79.6	ug/L		68	(30%-128%)		
Naphthalene	116	J	0.470		86.9	ug/L		74	(30%-109%)		
Nitrobenzene	116	U	ND		82.2	ug/L		71	(30%-117%)		
Pentachlorophenol	116	U	ND		114	ug/L		98	(30%-131%)		
Phenanthrene	116	U	ND		92.8	ug/L		80	(35%-122%)		
Phenol	116	U	ND		60.4	ug/L		52	(16%-74%)		
Pyrene	116	U	ND		99.8	ug/L		86	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	116	U	ND		72.1	ug/L		62	(19%-144%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
bis(2-Chloroethoxy)methane	116	U	ND		91.2	ug/L		78	(31%-117%)	LL2	06/02/26 00:20
bis(2-Chloroethyl) ether	116	U	ND		83.1	ug/L		72	(29%-113%)		
bis(2-Ethylhexyl)phthalate	116	U	ND		96.7	ug/L		83	(29%-135%)		
m,p-Cresols	116	U	ND		89.0	ug/L		77	(21%-105%)		
m-Nitroaniline	116	U	ND		96.0	ug/L		83	(29%-127%)		
o-Cresol	116	U	ND		80.5	ug/L		69	(23%-104%)		
o-Nitroaniline	116	U	ND		106	ug/L		91	(32%-130%)		
p-Nitroaniline	116	U	ND		103	ug/L		89	(33%-134%)		
**2,4,6-Tribromophenol	233		83.5		218	ug/L		94	(28%-113%)		
**2-Fluorobiphenyl	116		35.3		87.4	ug/L		75	(32%-102%)		
**2-Fluorophenol	233		38.5		138	ug/L		59	(15%-72%)		
**Nitrobenzene-d5	116		31.5		81.8	ug/L		70	(31%-100%)		
**Phenol-d5	233		24.9		115	ug/L		50	(15%-85%)		
**p-Terphenyl-d14	116		38.2		96.1	ug/L		83	(20%-118%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
QC1206483513 779048004 MS											
1,1'-Biphenyl	100	U	ND		75.9	ug/L		76	(30%-119%)	LL2	06/02/26 01:34
1,2,4,5-Tetrachlorobenzene	100	U	ND		77.4	ug/L		77	(28%-109%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		80.9	ug/L		81	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		80.8	ug/L		81	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		79.9	ug/L		80	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		80.1	ug/L		80	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		43.9	ug/L		44	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		101	ug/L		101	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		80.9	ug/L		81	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		81.8	ug/L		82	(35%-126%)		
2-Chloronaphthalene	100	U	ND		93.4	ug/L		93	(31%-114%)		
2-Chlorophenol	100	U	ND		69.5	ug/L		69	(25%-106%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		90.5	ug/L		91	(25%-131%)		
2-Methylnaphthalene	100	U	ND		83.5	ug/L		83	(32%-117%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
2-Nitrophenol	100	U	ND		84.0	ug/L		84	(28%-118%)	LL2	06/02/26 01:34
3,3'-Dichlorobenzidine	100	U	ND		89.3	ug/L		89	(24%-119%)		
4-Bromophenylphenylether	100	U	ND		85.5	ug/L		86	(36%-126%)		
4-Chloro-3-methylphenol	100	U	ND		74.2	ug/L		74	(32%-122%)		
4-Chloroaniline	100	U	ND		72.3	ug/L		72	(27%-117%)		
4-Chlorophenylphenylether	100	U	ND		85.4	ug/L		85	(35%-126%)		
4-Nitrophenol	100	U	ND		59.4	ug/L		59	(9%-95%)		
Acenaphthene	100	U	ND		75.3	ug/L		75	(33%-118%)		
Acenaphthylene	100	U	ND		69.5	ug/L		70	(30%-112%)		
Acetophenone	100	U	ND		71.8	ug/L		72	(31%-118%)		
Anthracene	100	U	ND		75.6	ug/L		76	(35%-122%)		
Atrazine	100	U	ND		55.9	ug/L		56	(26%-158%)		
Benzaldehyde	100	U	ND	J	18.0	ug/L		18	(16%-109%)		
Benzo(a)anthracene	100	U	ND		75.6	ug/L		76	(33%-122%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Benzo(a)pyrene	100	U	ND		75.4	ug/L		75	(30%-121%)	LL2	06/02/26 01:34
Benzo(b)fluoranthene	100	U	ND		85.0	ug/L		85	(33%-128%)		
Benzo(ghi)perylene	100	U	ND		80.8	ug/L		81	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		76.6	ug/L		77	(32%-128%)		
Butylbenzylphthalate	100	U	ND		84.9	ug/L		85	(35%-136%)		
Carbazole	100	U	ND		79.0	ug/L		79	(39%-129%)		
Chrysene	100	U	ND		73.1	ug/L		73	(34%-122%)		
Di-n-butylphthalate	100	U	ND		80.4	ug/L		80	(36%-133%)		
Di-n-octylphthalate	100	U	ND		75.1	ug/L		75	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		80.5	ug/L		81	(30%-124%)		
Dibenzofuran	100	U	ND		77.1	ug/L		77	(36%-120%)		
Diethylphthalate	100	U	ND		78.5	ug/L		79	(37%-133%)		
Dimethylphthalate	100	U	ND		79.6	ug/L		80	(36%-131%)		
Diphenylamine	100	U	ND		75.1	ug/L		75	(33%-124%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Fluoranthene	100	U	ND		82.6	ug/L		83	(36%-128%)	LL2	06/02/26 01:34
Fluorene	100	U	ND		76.8	ug/L		77	(35%-124%)		
Hexachlorobenzene	100	U	ND		83.2	ug/L		83	(34%-123%)		
Hexachlorobutadiene	100	U	ND		76.4	ug/L		76	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		44.1	ug/L		44	(18%-65%)		
Hexachloroethane	100	U	ND		61.2	ug/L		61	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		83.6	ug/L		84	(29%-127%)		
Isophorone	100	U	ND		64.1	ug/L		64	(27%-128%)		
N-Nitrosodipropylamine	100	U	ND		65.0	ug/L		65	(30%-128%)		
Naphthalene	100	U	ND		72.4	ug/L		72	(30%-109%)		
Nitrobenzene	100	U	ND		67.8	ug/L		68	(30%-117%)		
Pentachlorophenol	100	U	ND		93.1	ug/L		93	(30%-131%)		
Phenanthrene	100	U	ND		75.8	ug/L		76	(35%-122%)		
Phenol	100	U	ND		44.3	ug/L		44	(16%-74%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Pyrene	100	U	ND		81.7	ug/L		82	(36%-130%)	LL2	06/02/26 01:34
bis(2-Chloro-1-methylethyl)ether	100	U	ND		58.4	ug/L		58	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		75.0	ug/L		75	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		67.4	ug/L		67	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		78.0	ug/L		78	(29%-135%)		
m,p-Cresols	100	U	ND		68.0	ug/L		68	(21%-105%)		
m-Nitroaniline	100	U	ND		78.9	ug/L		79	(29%-127%)		
o-Cresol	100	U	ND		63.4	ug/L		63	(23%-104%)		
o-Nitroaniline	100	U	ND		87.2	ug/L		87	(32%-130%)		
p-Nitroaniline	100	U	ND		83.1	ug/L		83	(33%-134%)		
**2,4,6-Tribromophenol	200		82.6		179	ug/L		90	(28%-113%)		
**2-Fluorobiphenyl	100		35.6		73.9	ug/L		74	(32%-102%)		
**2-Fluorophenol	200		33.3		104	ug/L		52	(15%-72%)		
**Nitrobenzene-d5	100		33.1		67.6	ug/L		68	(31%-100%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
**Phenol-d5	200		22.5		82.5	ug/L		41	(15%-85%)	LL2	06/02/26 01:34
**p-Terphenyl-d14	100		37.7		77.3	ug/L		77	(20%-118%)		
QC1206482026 779011001 MSD											
1,1'-Biphenyl	116	U	ND		95.7	ug/L	4	82	(0%-30%)		06/02/26 00:45
1,2,4,5-Tetrachlorobenzene	116	U	ND		98.0	ug/L	5	84	(0%-30%)		
2,3,4,6-Tetrachlorophenol	116	U	ND		100	ug/L	1	86	(0%-30%)		
2,4,5-Trichlorophenol	116	U	ND		103	ug/L	4	88	(0%-30%)		
2,4,6-Trichlorophenol	116	U	ND		102	ug/L	4	87	(0%-30%)		
2,4-Dichlorophenol	116	U	ND		101	ug/L	2	87	(0%-30%)		
2,4-Dimethylphenol	116	U	ND		56.0	ug/L	3	48	(0%-30%)		
2,4-Dinitrophenol	116	U	ND		128	ug/L	6	110	(0%-30%)		
2,4-Dinitrotoluene	116	U	ND		103	ug/L	5	89	(0%-30%)		
2,6-Dinitrotoluene	116	U	ND		104	ug/L	4	89	(0%-30%)		
2-Chloronaphthalene	116	U	ND		114	ug/L	4	98	(0%-30%)		
2-Chlorophenol	116	U	ND		89.9	ug/L	4	77	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 3002795												
2-Methyl-4,6-dinitrophenol	116	U	ND		115	ug/L	5		99	(0%-30%)	LL2	06/02/26 00:45
2-Methylnaphthalene	116	J	0.310		105	ug/L	3		90	(0%-30%)		
2-Nitrophenol	116	U	ND		106	ug/L	5		91	(0%-30%)		
3,3'-Dichlorobenzidine	116	U	ND		114	ug/L	4		98	(0%-30%)		
4-Bromophenylphenylether	116	U	ND		110	ug/L	6		95	(0%-30%)		
4-Chloro-3-methylphenol	116	U	ND		97.3	ug/L	4		84	(0%-30%)		
4-Chloroaniline	116	U	ND		91.5	ug/L	4		79	(0%-30%)		
4-Chlorophenylphenylether	116	U	ND		108	ug/L	4		93	(0%-30%)		
4-Nitrophenol	116	U	ND	J	12.1	ug/L	147	*	10	(0%-30%)		
Acenaphthene	116	U	ND		94.0	ug/L	5		81	(0%-30%)		
Acenaphthylene	116	U	ND		87.2	ug/L	4		75	(0%-30%)		
Acetophenone	116	U	ND		92.5	ug/L	4		80	(0%-30%)		
Anthracene	116	U	ND		96.2	ug/L	4		83	(0%-30%)		
Atrazine	116	U	ND		78.5	ug/L	2		68	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 3002795												
Benzaldehyde	116	U	ND	J	21.6	ug/L	42	*	19	(0%-30%)	LL2	06/02/26 00:45
Benzo(a)anthracene	116	U	ND		95.6	ug/L	3		82	(0%-30%)		
Benzo(a)pyrene	116	U	ND		95.5	ug/L	3		82	(0%-30%)		
Benzo(b)fluoranthene	116	U	ND		107	ug/L	4		92	(0%-30%)		
Benzo(ghi)perylene	116	U	ND		102	ug/L	2		88	(0%-30%)		
Benzo(k)fluoranthene	116	U	ND		97.4	ug/L	2		84	(0%-30%)		
Butylbenzylphthalate	116	U	ND		109	ug/L	4		94	(0%-30%)		
Carbazole	116	U	ND		100	ug/L	5		86	(0%-30%)		
Chrysene	116	U	ND		93.3	ug/L	4		80	(0%-30%)		
Di-n-butylphthalate	116	U	ND		104	ug/L	5		89	(0%-30%)		
Di-n-octylphthalate	116	U	ND		98.7	ug/L	4		85	(0%-30%)		
Dibenzo(a,h)anthracene	116	U	ND		103	ug/L	2		88	(0%-30%)		
Dibenzofuran	116	U	ND		96.5	ug/L	4		83	(0%-30%)		
Diethylphthalate	116	U	ND		99.4	ug/L	4		86	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Dimethylphthalate	116	U	ND		102	ug/L	5	87	(0%-30%)	LL2	06/02/26 00:45
Diphenylamine	116	U	ND		97.5	ug/L	5	84	(0%-30%)		
Fluoranthene	116	U	ND		104	ug/L	4	89	(0%-30%)		
Fluorene	116	U	ND		96.3	ug/L	4	83	(0%-30%)		
Hexachlorobenzene	116	U	ND		108	ug/L	5	93	(0%-30%)		
Hexachlorobutadiene	116	U	ND		91.6	ug/L	4	79	(0%-30%)		
Hexachlorocyclopentadiene	116	U	ND		54.7	ug/L	8	47	(0%-30%)		
Hexachloroethane	116	U	ND		71.3	ug/L	5	61	(0%-30%)		
Indeno(1,2,3-cd)pyrene	116	U	ND		105	ug/L	2	90	(0%-30%)		
Isophorone	116	U	ND		82.3	ug/L	5	71	(0%-30%)		
N-Nitrosodipropylamine	116	U	ND		84.5	ug/L	6	73	(0%-30%)		
Naphthalene	116	J	0.470		89.7	ug/L	3	77	(0%-30%)		
Nitrobenzene	116	U	ND		86.0	ug/L	5	74	(0%-30%)		
Pentachlorophenol	116	U	ND		120	ug/L	5	103	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Phenanthrene	116	U	ND		96.2	ug/L	4	83	(0%-30%)	LL2	06/02/26 00:45
Phenol	116	U	ND		62.3	ug/L	3	54	(0%-30%)		
Pyrene	116	U	ND		103	ug/L	4	89	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	116	U	ND		75.8	ug/L	5	65	(0%-30%)		
bis(2-Chloroethoxy)methane	116	U	ND		90.7	ug/L	0	78	(0%-30%)		
bis(2-Chloroethyl) ether	116	U	ND		86.4	ug/L	4	74	(0%-30%)		
bis(2-Ethylhexyl)phthalate	116	U	ND		100	ug/L	4	86	(0%-30%)		
m,p-Cresols	116	U	ND		93.0	ug/L	4	80	(0%-30%)		
m-Nitroaniline	116	U	ND		101	ug/L	5	87	(0%-30%)		
o-Cresol	116	U	ND		84.0	ug/L	4	72	(0%-30%)		
o-Nitroaniline	116	U	ND		112	ug/L	5	96	(0%-30%)		
p-Nitroaniline	116	U	ND		106	ug/L	3	91	(0%-30%)		
**2,4,6-Tribromophenol	233		83.5		220	ug/L		94	(28%-113%)		
**2-Fluorobiphenyl	116		35.3		89.2	ug/L		77	(32%-102%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
**2-Fluorophenol	233		38.5		141	ug/L		60	(15%-72%)	LL2	06/02/26 00:45
**Nitrobenzene-d5	116		31.5		84.3	ug/L		73	(31%-100%)		
**Phenol-d5	233		24.9		118	ug/L		51	(15%-85%)		
**p-Terphenyl-d14	116		38.2		97.8	ug/L		84	(20%-118%)		
QC1206483514 779048004 MSD											
1,1'-Biphenyl	100	U	ND		83.3	ug/L	9	83	(0%-30%)		06/02/26 01:59
1,2,4,5-Tetrachlorobenzene	100	U	ND		86.9	ug/L	12	87	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		90.5	ug/L	11	91	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		90.4	ug/L	11	90	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		88.8	ug/L	11	89	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		88.5	ug/L	10	88	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		49.1	ug/L	11	49	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		110	ug/L	9	110	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		90.5	ug/L	11	91	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		90.7	ug/L	10	91	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
2-Chloronaphthalene	100	U	ND		99.5	ug/L	6	100	(0%-30%)	LL2	06/02/26 01:59
2-Chlorophenol	100	U	ND		78.3	ug/L	12	78	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		102	ug/L	12	102	(0%-30%)		
2-Methylnaphthalene	100	U	ND		92.0	ug/L	10	92	(0%-30%)		
2-Nitrophenol	100	U	ND		94.7	ug/L	12	95	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		98.3	ug/L	10	98	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		95.7	ug/L	11	96	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		82.3	ug/L	10	82	(0%-30%)		
4-Chloroaniline	100	U	ND		81.8	ug/L	12	82	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		93.8	ug/L	9	94	(0%-30%)		
4-Nitrophenol	100	U	ND		66.9	ug/L	12	67	(0%-30%)		
Acenaphthene	100	U	ND		84.0	ug/L	11	84	(0%-30%)		
Acenaphthylene	100	U	ND		77.3	ug/L	11	77	(0%-30%)		
Acetophenone	100	U	ND		79.8	ug/L	11	80	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 3002795												
Anthracene	100	U	ND		82.7	ug/L	9		83	(0%-30%)	LL2	06/02/26 01:59
Atrazine	100	U	ND		66.2	ug/L	17		66	(0%-30%)		
Benzaldehyde	100	U	ND		25.3	ug/L	34	*	25	(0%-30%)		
Benzo(a)anthracene	100	U	ND		82.9	ug/L	9		83	(0%-30%)		
Benzo(a)pyrene	100	U	ND		82.3	ug/L	9		82	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		92.2	ug/L	8		92	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		89.1	ug/L	10		89	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		85.2	ug/L	11		85	(0%-30%)		
Butylbenzylphthalate	100	U	ND		94.2	ug/L	10		94	(0%-30%)		
Carbazole	100	U	ND		87.3	ug/L	10		87	(0%-30%)		
Chrysene	100	U	ND		80.4	ug/L	10		80	(0%-30%)		
Di-n-butylphthalate	100	U	ND		90.7	ug/L	12		91	(0%-30%)		
Di-n-octylphthalate	100	U	ND		85.1	ug/L	12		85	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		88.3	ug/L	9		88	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Dibenzofuran	100	U	ND		85.2	ug/L	10	85	(0%-30%)	LL2	06/02/26 01:59
Diethylphthalate	100	U	ND		86.3	ug/L	9	86	(0%-30%)		
Dimethylphthalate	100	U	ND		88.2	ug/L	10	88	(0%-30%)		
Diphenylamine	100	U	ND		84.6	ug/L	12	85	(0%-30%)		
Fluoranthene	100	U	ND		90.1	ug/L	9	90	(0%-30%)		
Fluorene	100	U	ND		84.5	ug/L	10	85	(0%-30%)		
Hexachlorobenzene	100	U	ND		92.7	ug/L	11	93	(0%-30%)		
Hexachlorobutadiene	100	U	ND		83.7	ug/L	9	84	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		50.2	ug/L	13	50	(0%-30%)		
Hexachloroethane	100	U	ND		68.2	ug/L	11	68	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		91.4	ug/L	9	91	(0%-30%)		
Isophorone	100	U	ND		72.1	ug/L	12	72	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		73.7	ug/L	12	74	(0%-30%)		
Naphthalene	100	U	ND		80.0	ug/L	10	80	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3002795											
Nitrobenzene	100	U	ND		76.0	ug/L	11	76	(0%-30%)	LL2	06/02/26 01:59
Pentachlorophenol	100	U	ND		103	ug/L	10	103	(0%-30%)		
Phenanthrene	100	U	ND		82.5	ug/L	8	82	(0%-30%)		
Phenol	100	U	ND		51.1	ug/L	14	51	(0%-30%)		
Pyrene	100	U	ND		89.8	ug/L	9	90	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		66.4	ug/L	13	66	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		79.9	ug/L	6	80	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		76.2	ug/L	12	76	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		87.0	ug/L	11	87	(0%-30%)		
m,p-Cresols	100	U	ND		78.5	ug/L	14	79	(0%-30%)		
m-Nitroaniline	100	U	ND		89.1	ug/L	12	89	(0%-30%)		
o-Cresol	100	U	ND		71.4	ug/L	12	71	(0%-30%)		
o-Nitroaniline	100	U	ND		96.9	ug/L	11	97	(0%-30%)		
p-Nitroaniline	100	U	ND		92.6	ug/L	11	93	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3002795										
**2,4,6-Tribromophenol	200	82.6		195	ug/L		98	(28%-113%)	LL2	06/02/26 01:59
**2-Fluorobiphenyl	100	35.6		80.0	ug/L		80	(32%-102%)		
**2-Fluorophenol	200	33.3		118	ug/L		59	(15%-72%)		
**Nitrobenzene-d5	100	33.1		74.3	ug/L		74	(31%-100%)		
**Phenol-d5	200	22.5		93.7	ug/L		47	(15%-85%)		
**p-Terphenyl-d14	100	37.7		82.6	ug/L		83	(20%-118%)		
Batch 3003489										
QC1206482684 LCS										
1,1'-Biphenyl	1670			1320	ug/kg		79	(51%-123%)	LL2	06/01/26 12:56
1,2,4,5-Tetrachlorobenzene	1670			1310	ug/kg		79	(47%-109%)		
2,3,4,6-Tetrachlorophenol	1670			1350	ug/kg		81	(49%-125%)		
2,4,5-Trichlorophenol	1670			1460	ug/kg		88	(55%-123%)		
2,4,6-Trichlorophenol	1670			1440	ug/kg		86	(54%-123%)		
2,4-Dichlorophenol	1670			1440	ug/kg		87	(55%-115%)		
2,4-Dimethylphenol	1670			831	ug/kg		50	(44%-97%)		
2,4-Dinitrophenol	1670			785	ug/kg		47	(22%-89%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 3003489											
2,4-Dinitrotoluene	1670			1410	ug/kg		85	(52%-123%)	LL2	06/01/26	12:56
2,6-Dinitrotoluene	1670			1320	ug/kg		79	(54%-117%)			
2-Chloronaphthalene	1670			1310	ug/kg		79	(48%-105%)			
2-Chlorophenol	1670			1410	ug/kg		85	(52%-106%)			
2-Methyl-4,6-dinitrophenol	1670			1010	ug/kg		61	(21%-106%)			
2-Methylnaphthalene	1670			1490	ug/kg		89	(49%-99%)			
2-Nitrophenol	1670			1310	ug/kg		79	(50%-109%)			
3,3'-Dichlorobenzidine	1670			1180	ug/kg		71	(35%-112%)			
4-Bromophenylphenylether	1670			1330	ug/kg		80	(53%-113%)			
4-Chloro-3-methylphenol	1670			1500	ug/kg		90	(56%-118%)			
4-Chloroaniline	1670			1070	ug/kg		64	(36%-85%)			
4-Chlorophenylphenylether	1670			1450	ug/kg		87	(52%-119%)			
4-Nitrophenol	1670			1750	ug/kg		105	(37%-134%)			
Acenaphthene	1670			1310	ug/kg		79	(50%-103%)			

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3003489										
Acenaphthylene	1670			1200	ug/kg		72	(50%-102%)	LL2	06/01/26 12:56
Acetophenone	1670			909	ug/kg		55	(49%-104%)		
Anthracene	1670			1380	ug/kg		83	(54%-106%)		
Atrazine	1670			1580	ug/kg		95	(50%-131%)		
Benzaldehyde	1670		U	ND	ug/kg		0*	(21%-89%)		
Benzo(a)anthracene	1670			1370	ug/kg		83	(55%-114%)		
Benzo(a)pyrene	1670			1330	ug/kg		80	(50%-113%)		
Benzo(b)fluoranthene	1670			1370	ug/kg		82	(53%-114%)		
Benzo(ghi)perylene	1670			1360	ug/kg		81	(42%-125%)		
Benzo(k)fluoranthene	1670			1430	ug/kg		86	(53%-121%)		
Butylbenzylphthalate	1670			1470	ug/kg		89	(49%-124%)		
Carbazole	1670			1400	ug/kg		84	(50%-122%)		
Chrysene	1670			1370	ug/kg		82	(57%-113%)		
Di-n-butylphthalate	1670			1440	ug/kg		86	(54%-122%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3003489										
Di-n-octylphthalate	1670			1370	ug/kg		82	(46%-134%)	LL2	06/01/26 12:56
Dibenzo(a,h)anthracene	1670			1350	ug/kg		81	(45%-133%)		
Dibenzofuran	1670			1340	ug/kg		81	(55%-112%)		
Diethylphthalate	1670			1450	ug/kg		87	(56%-120%)		
Dimethylphthalate	1670			1420	ug/kg		85	(56%-116%)		
Diphenylamine	1670			1390	ug/kg		83	(52%-112%)		
Fluoranthene	1670			1420	ug/kg		85	(52%-121%)		
Fluorene	1670			1400	ug/kg		84	(52%-113%)		
Hexachlorobenzene	1670			1350	ug/kg		81	(55%-112%)		
Hexachlorobutadiene	1670			1360	ug/kg		82	(46%-108%)		
Hexachlorocyclopentadiene	1670			460	ug/kg		28	(26%-82%)		
Hexachloroethane	1670			1320	ug/kg		79	(42%-94%)		
Indeno(1,2,3-cd)pyrene	1670			1370	ug/kg		82	(47%-133%)		
Isophorone	1670			1060	ug/kg		64	(48%-104%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3003489										
N-Nitrosodipropylamine	1670			1350	ug/kg		81	(43%-109%)	LL2	06/01/26 12:56
Naphthalene	1670			1330	ug/kg		80	(49%-98%)		
Nitrobenzene	1670			1380	ug/kg		83	(48%-102%)		
Pentachlorophenol	1670			1320	ug/kg		79	(31%-114%)		
Phenanthrene	1670			1340	ug/kg		81	(56%-109%)		
Phenol	1670			1430	ug/kg		86	(47%-108%)		
Pyrene	1670			1430	ug/kg		86	(42%-117%)		
bis(2-Chloro-1-methylethyl)ether	1670			1300	ug/kg		78	(35%-110%)		
bis(2-Chloroethoxy)methane	1670			1350	ug/kg		81	(49%-101%)		
bis(2-Chloroethyl) ether	1670			1310	ug/kg		79	(45%-99%)		
bis(2-Ethylhexyl)phthalate	1670			1490	ug/kg		89	(44%-126%)		
m,p-Cresols	1670			1360	ug/kg		82	(48%-115%)		
m-Nitroaniline	1670			1220	ug/kg		73	(39%-111%)		
o-Cresol	1670			1380	ug/kg		83	(50%-109%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3003489										
o-Nitroaniline	1670			1310	ug/kg		79	(47%-122%)	LL2	06/01/26 12:56
p-Nitroaniline	1670			1350	ug/kg		81	(35%-146%)		
**2,4,6-Tribromophenol	3330			2610	ug/kg		78	(20%-130%)		
**2-Fluorobiphenyl	1670			1270	ug/kg		76	(22%-120%)		
**2-Fluorophenol	3330			2690	ug/kg		81	(23%-108%)		
**Nitrobenzene-d5	1670			1280	ug/kg		77	(23%-109%)		
**Phenol-d5	3330			2740	ug/kg		82	(24%-117%)		
**p-Terphenyl-d14	1670			1330	ug/kg		80	(22%-130%)		
QC1206482683 MB										
1,1'-Biphenyl			U	ND	ug/kg					06/01/26 12:35
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 3003489											
2,4-Dimethylphenol			U	ND	ug/kg				LL2	06/01/26	12:35
2,4-Dinitrophenol			U	ND	ug/kg						
2,4-Dinitrotoluene			U	ND	ug/kg						
2,6-Dinitrotoluene			U	ND	ug/kg						
2-Chloronaphthalene			U	ND	ug/kg						
2-Chlorophenol			U	ND	ug/kg						
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg						
2-Methylnaphthalene			U	ND	ug/kg						
2-Nitrophenol			U	ND	ug/kg						
3,3'-Dichlorobenzidine			U	ND	ug/kg						
4-Bromophenylphenylether			U	ND	ug/kg						
4-Chloro-3-methylphenol			U	ND	ug/kg						
4-Chloroaniline			U	ND	ug/kg						
4-Chlorophenylphenylether			U	ND	ug/kg						

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3003489										
4-Nitrophenol			U	ND	ug/kg				LL2	06/01/26 12:35
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3003489										
Chrysene			U	ND	ug/kg				LL2	06/01/26 12:35
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3003489										
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg				LL2	06/01/26 12:35
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
m-Nitroaniline				U	ND	ug/kg				LL2	06/01/26 12:35
o-Cresol				U	ND	ug/kg					
o-Nitroaniline				U	ND	ug/kg					
p-Nitroaniline				U	ND	ug/kg					
**2,4,6-Tribromophenol	3320				2490	ug/kg		75	(20%-130%)		
**2-Fluorobiphenyl	1660				1340	ug/kg		81	(22%-120%)		
**2-Fluorophenol	3320				2720	ug/kg		82	(23%-108%)		
**Nitrobenzene-d5	1660				1280	ug/kg		77	(23%-109%)		
**Phenol-d5	3320				2760	ug/kg		83	(24%-117%)		
**p-Terphenyl-d14	1660				1290	ug/kg		78	(22%-130%)		
QC1206482685 779194003 MS											
1,1'-Biphenyl	5100	U	ND	U	ND	ug/kg		0*	(15%-129%)		06/02/26 15:54
1,2,4,5-Tetrachlorobenzene	5100	U	ND	U	ND	ug/kg		0*	(21%-114%)		
2,3,4,6-Tetrachlorophenol	5100	U	ND	U	ND	ug/kg		0*	(21%-129%)		
2,4,5-Trichlorophenol	5100	U	ND	U	ND	ug/kg		0*	(23%-127%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3003489												
2,4,6-Trichlorophenol	5100	U	ND	U	ND	ug/kg		0*	(21%-132%)	LL2	06/02/26	15:54
2,4-Dichlorophenol	5100	U	ND	U	ND	ug/kg		0*	(19%-124%)			
2,4-Dimethylphenol	5100	U	ND	U	ND	ug/kg		0*	(17%-103%)			
2,4-Dinitrophenol	5100	U	ND	U	ND	ug/kg		0*	(19%-117%)			
2,4-Dinitrotoluene	5100	U	ND	U	ND	ug/kg		0*	(24%-125%)			
2,6-Dinitrotoluene	5100	U	ND	U	ND	ug/kg		0*	(23%-124%)			
2-Chloronaphthalene	5100	U	ND	J	3260	ug/kg		64	(14%-118%)			
2-Chlorophenol	5100	U	ND	U	ND	ug/kg		0*	(16%-112%)			
2-Methyl-4,6-dinitrophenol	5100	U	ND	U	ND	ug/kg		0*	(10%-120%)			
2-Methylnaphthalene	5100	U	ND	J	4020	ug/kg		79	(15%-112%)			
2-Nitrophenol	5100	U	ND	U	ND	ug/kg		0*	(16%-114%)			
3,3'-Dichlorobenzidine	5100	U	ND	U	ND	ug/kg		0*	(8%-108%)			
4-Bromophenylphenylether	5100	U	ND	U	ND	ug/kg		0*	(20%-122%)			
4-Chloro-3-methylphenol	5100	U	ND	U	ND	ug/kg		0*	(23%-126%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
4-Chloroaniline	5100	U	ND	U	ND	ug/kg		0*	(18%-88%)	LL2	06/02/26 15:54
4-Chlorophenylphenylether	5100	U	ND	U	ND	ug/kg		0*	(21%-126%)		
4-Nitrophenol	5100	U	ND	U	ND	ug/kg		0*	(12%-137%)		
Acenaphthene	5100	U	ND	J	3550	ug/kg		70	(16%-115%)		
Acenaphthylene	5100	U	ND	J	3350	ug/kg		66	(16%-116%)		
Acetophenone	5100	U	ND	U	ND	ug/kg		0*	(20%-117%)		
Anthracene	5100	U	ND	J	3350	ug/kg		66	(19%-116%)		
Atrazine	5100	U	ND	U	ND	ug/kg		0*	(24%-133%)		
Benzaldehyde	5100	U	ND	U	ND	ug/kg		0*	(12%-103%)		
Benzo(a)anthracene	5100	U	ND	J	4310	ug/kg		85	(21%-121%)		
Benzo(a)pyrene	5100	U	ND	U	ND	ug/kg		0*	(20%-120%)		
Benzo(b)fluoranthene	5100	U	ND	J	3350	ug/kg		66	(20%-126%)		
Benzo(ghi)perylene	5100	U	ND	J	3350	ug/kg		66	(13%-120%)		
Benzo(k)fluoranthene	5100	U	ND	J	3260	ug/kg		64	(20%-133%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
Butylbenzylphthalate	5100	U	ND	J	4890	ug/kg		96	(19%-133%)	LL2	06/02/26 15:54
Carbazole	5100	U	ND	J	3350	ug/kg		66	(17%-128%)		
Chrysene	5100	U	ND	J	3350	ug/kg		66	(22%-124%)		
Di-n-butylphthalate	5100	U	ND	J	3740	ug/kg		73	(24%-125%)		
Di-n-octylphthalate	5100	U	ND	J	3450	ug/kg		68	(24%-135%)		
Dibenzo(a,h)anthracene	5100	U	ND	J	3350	ug/kg		66	(15%-122%)		
Dibenzofuran	5100	U	ND	U	ND	ug/kg		0*	(21%-121%)		
Diethylphthalate	5100	U	ND	J	3740	ug/kg		73	(26%-125%)		
Dimethylphthalate	5100	U	ND	J	3550	ug/kg		70	(28%-124%)		
Diphenylamine	5100	U	ND	U	ND	ug/kg		0*	(20%-116%)		
Fluoranthene	5100	U	ND	J	3450	ug/kg		68	(21%-126%)		
Fluorene	5100	U	ND	J	3740	ug/kg		73	(16%-123%)		
Hexachlorobenzene	5100	U	ND	U	ND	ug/kg		0*	(23%-128%)		
Hexachlorobutadiene	5100	U	ND	U	ND	ug/kg		0*	(16%-113%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
Hexachlorocyclopentadiene	5100	U	ND	U	ND	ug/kg		0*	(10%-78%)	LL2	06/02/26 15:54
Hexachloroethane	5100	U	ND	U	ND	ug/kg		0*	(13%-98%)		
Indeno(1,2,3-cd)pyrene	5100	U	ND	J	3450	ug/kg		68	(14%-125%)		
Isophorone	5100	U	ND	U	ND	ug/kg		0*	(16%-113%)		
N-Nitrosodipropylamine	5100	U	ND	U	ND	ug/kg		0*	(15%-118%)		
Naphthalene	5100	U	ND	J	3930	ug/kg		77	(14%-112%)		
Nitrobenzene	5100	U	ND	U	ND	ug/kg		0*	(17%-109%)		
Pentachlorophenol	5100	U	ND	U	ND	ug/kg		0*	(11%-126%)		
Phenanthrene	5100	U	ND	J	4020	ug/kg		79	(19%-121%)		
Phenol	5100	U	ND	U	ND	ug/kg		0*	(17%-116%)		
Pyrene	5100	U	ND	J	3550	ug/kg		70	(19%-127%)		
bis(2-Chloro-1-methylethyl)ether	5100	U	ND	U	ND	ug/kg		0*	(10%-110%)		
bis(2-Chloroethoxy)methane	5100	U	ND	U	ND	ug/kg		0*	(20%-110%)		
bis(2-Chloroethyl) ether	5100	U	ND	U	ND	ug/kg		0*	(15%-109%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
bis(2-Ethylhexyl)phthalate	5100	U	ND	J	4790	ug/kg		94	(17%-133%)	LL2	06/02/26 15:54
m,p-Cresols	5100	U	ND	U	ND	ug/kg		0*	(20%-119%)		
m-Nitroaniline	5100	U	ND	U	ND	ug/kg		0*	(10%-108%)		
o-Cresol	5100	U	ND	U	ND	ug/kg		0*	(16%-120%)		
o-Nitroaniline	5100	U	ND	U	ND	ug/kg		0*	(21%-125%)		
p-Nitroaniline	5100	U	ND	U	ND	ug/kg		0*	(9%-138%)		
**2,4,6-Tribromophenol	10200		5060		5270	ug/kg		52	(20%-130%)		
**2-Fluorobiphenyl	5100		3150		3260	ug/kg		64	(22%-120%)		
**2-Fluorophenol	10200		5160		5850	ug/kg		57	(23%-108%)		
**Nitrobenzene-d5	5100		2960		3070	ug/kg		60	(23%-109%)		
**Phenol-d5	10200		6500		7090	ug/kg		70	(24%-117%)		
**p-Terphenyl-d14	5100		3060		3350	ug/kg		66	(22%-130%)		
QC1206482686 779194003 MSD											
1,1'-Biphenyl	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		06/02/26 16:15
1,2,4,5-Tetrachlorobenzene	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
2,3,4,6-Tetrachlorophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)	LL2	06/02/26 16:15
2,4,5-Trichlorophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2,4,6-Trichlorophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2,4-Dichlorophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2,4-Dimethylphenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2,4-Dinitrophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2,4-Dinitrotoluene	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2,6-Dinitrotoluene	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2-Chloronaphthalene	5230	U	ND	J	3110	ug/kg	5	60	(0%-30%)		
2-Chlorophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2-Methyl-4,6-dinitrophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
2-Methylnaphthalene	5230	U	ND	J	3560	ug/kg	12	68	(0%-30%)		
2-Nitrophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
3,3'-Dichlorobenzidine	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
4-Bromophenylphenylether	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)	LL2	06/02/26 16:15
4-Chloro-3-methylphenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
4-Chloroaniline	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
4-Chlorophenylphenylether	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
4-Nitrophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Acenaphthene	5230	U	ND	J	3290	ug/kg	8	63	(0%-30%)		
Acenaphthylene	5230	U	ND	J	3020	ug/kg	10	58	(0%-30%)		
Acetophenone	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Anthracene	5230	U	ND	J	3020	ug/kg	10	58	(0%-30%)		
Atrazine	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Benzaldehyde	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Benzo(a)anthracene	5230	U	ND	J	4000	ug/kg	8	77	(0%-30%)		
Benzo(a)pyrene	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Benzo(b)fluoranthene	5230	U	ND	J	3020	ug/kg	10	58	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
Benzo(ghi)perylene	5230	U	ND	J	3020	ug/kg	10	58	(0%-30%)	LL2	06/02/26 16:15
Benzo(k)fluoranthene	5230	U	ND	J	2930	ug/kg	10	56	(0%-30%)		
Butylbenzylphthalate	5230	U	ND	J	4800	ug/kg	2	92	(0%-30%)		
Carbazole	5230	U	ND	J	3020	ug/kg	10	58	(0%-30%)		
Chrysene	5230	U	ND	J	3020	ug/kg	10	58	(0%-30%)		
Di-n-butylphthalate	5230	U	ND	J	3380	ug/kg	10	65	(0%-30%)		
Di-n-octylphthalate	5230	U	ND	J	3020	ug/kg	13	58	(0%-30%)		
Dibenzo(a,h)anthracene	5230	U	ND	J	2930	ug/kg	13	56	(0%-30%)		
Dibenzofuran	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Diethylphthalate	5230	U	ND	J	3200	ug/kg	15	61	(0%-30%)		
Dimethylphthalate	5230	U	ND	J	3110	ug/kg	13	60	(0%-30%)		
Diphenylamine	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Fluoranthene	5230	U	ND	J	3200	ug/kg	8	61	(0%-30%)		
Fluorene	5230	U	ND	J	3200	ug/kg	15	61	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
Hexachlorobenzene	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)	LL2	06/02/26 16:15
Hexachlorobutadiene	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Hexachlorocyclopentadiene	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Hexachloroethane	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Indeno(1,2,3-cd)pyrene	5230	U	ND	J	3020	ug/kg	13	58	(0%-30%)		
Isophorone	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
N-Nitrosodipropylamine	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Naphthalene	5230	U	ND	J	3560	ug/kg	10	68	(0%-30%)		
Nitrobenzene	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Pentachlorophenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Phenanthrene	5230	U	ND	J	3730	ug/kg	8	71	(0%-30%)		
Phenol	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Pyrene	5230	U	ND	J	3110	ug/kg	13	60	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	5230	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3003489											
bis(2-Chloroethoxy)methane	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)	LL2	06/02/26 16:15
bis(2-Chloroethyl) ether	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
bis(2-Ethylhexyl)phthalate	5230	U	ND	J	4270	ug/kg	12	82	(0%-30%)		
m,p-Cresols	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
m-Nitroaniline	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
o-Cresol	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
o-Nitroaniline	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
p-Nitroaniline	5230	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
**2,4,6-Tribromophenol	10500		5060		4710	ug/kg		45	(20%-130%)		
**2-Fluorobiphenyl	5230		3150		3020	ug/kg		58	(22%-120%)		
**2-Fluorophenol	10500		5160		5160	ug/kg		49	(23%-108%)		
**Nitrobenzene-d5	5230		2960		2840	ug/kg		54	(23%-109%)		
**Phenol-d5	10500		6500		6130	ug/kg		59	(24%-117%)		
**p-Terphenyl-d14	5230		3060		2760	ug/kg		53	(22%-130%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis										
Batch 3002649										
QC1206481149 778952006 DUP										
Hexavalent Chromium	U	ND	U	ND	mg/L	N/A			BR2	05/28/26 13:09
QC1206481148 LCS										
Hexavalent Chromium	0.0472			0.0498	mg/L		106	(85%-115%)		05/28/26 13:09
QC1206481147 MB										
Hexavalent Chromium			U	ND	mg/L					05/28/26 13:09
QC1206481150 778952006 MS										
Hexavalent Chromium	0.0472 U	ND		0.0487	mg/L		102	(85%-115%)		05/28/26 13:09
Batch 3006104										
QC1206487489 777456001 DUP										
Hexavalent Chromium	U	ND	U	ND	mg/kg	N/A			BR2	06/11/26 15:12
QC1206487493 ILCS										
Hexavalent Chromium	6.90			6.81	mg/kg		98.7	(80%-120%)		06/11/26 15:12
QC1206487488 LCS										
Hexavalent Chromium	3.58			3.40	mg/kg		95	(80%-120%)		06/11/26 15:12
QC1206487487 MB										
Hexavalent Chromium			U	ND	mg/kg					06/11/26 15:12
QC1206487490 777456001 MS										
Hexavalent Chromium	4.09 U	ND		3.61	mg/kg		87.7	(75%-125%)		06/11/26 15:12
Volatile-GC/MS										
Batch 3009411										
QC1206494034 LCS										
1,1,1-Trichloroethane	50.0			52.6	ug/L		105	(70%-130%)	CO1	06/10/26 08:43

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
1,1,2,2-Tetrachloroethane	50.0			51.1	ug/L		102	(70%-130%)	CO1	06/10/26 08:43
1,1,2-Trichloroethane	50.0			51.3	ug/L		103	(70%-130%)		
1,1-Dichloroethane	50.0			52.3	ug/L		105	(70%-130%)		
1,1-Dichloroethylene	50.0			59.3	ug/L		119	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			54.5	ug/L		109	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			54.6	ug/L		109	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			45.4	ug/L		91	(70%-130%)		
1,2-Dibromoethane	50.0			50.4	ug/L		101	(70%-130%)		
1,2-Dichlorobenzene	50.0			50.4	ug/L		101	(70%-130%)		
1,2-Dichloroethane	50.0			44.7	ug/L		89	(70%-130%)		
1,2-Dichloropropane	50.0			51.2	ug/L		102	(70%-130%)		
1,3-Dichlorobenzene	50.0			50.1	ug/L		100	(70%-130%)		
1,4-Dichlorobenzene	50.0			49.2	ug/L		98	(70%-130%)		
2-Butanone	250			249	ug/L		99	(70%-130%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
2-Hexanone	250			250	ug/L		100	(70%-130%)	CO1	06/10/26 08:43
4-Methyl-2-pentanone	250			266	ug/L		107	(70%-130%)		
Acetone	250			223	ug/L		89	(70%-130%)		
Benzene	50.0			54.0	ug/L		108	(70%-130%)		
Bromochloromethane	50.0			53.9	ug/L		108	(70%-130%)		
Bromodichloromethane	50.0			50.1	ug/L		100	(70%-130%)		
Bromoform	50.0			45.5	ug/L		91	(70%-130%)		
Bromomethane	50.0			50.4	ug/L		101	(70%-130%)		
Carbon disulfide	250			337	ug/L		135*	(70%-130%)		
Carbon tetrachloride	50.0			52.5	ug/L		105	(70%-130%)		
Chlorobenzene	50.0			50.1	ug/L		100	(70%-130%)		
Chloroethane	50.0			62.3	ug/L		125	(70%-130%)		
Chloroform	50.0			49.9	ug/L		100	(70%-130%)		
Chloromethane	50.0			62.7	ug/L		125	(70%-130%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
Cyclohexane	50.0			57.1	ug/L		114	(70%-130%)	CO1	06/10/26 08:43
Dibromochloromethane	50.0			52.9	ug/L		106	(70%-130%)		
Dichlorodifluoromethane	50.0			58.4	ug/L		117	(70%-130%)		
Ethylbenzene	50.0			51.7	ug/L		103	(70%-130%)		
Isopropylbenzene	50.0			57.1	ug/L		114	(70%-130%)		
Methyl acetate	250			247	ug/L		99	(70%-130%)		
Methylcyclohexane	50.0			56.1	ug/L		112	(70%-130%)		
Methylene chloride	50.0			55.5	ug/L		111	(70%-130%)		
Styrene	50.0			55.3	ug/L		111	(70%-130%)		
Tetrachloroethylene	50.0			52.8	ug/L		106	(70%-130%)		
Toluene	50.0			52.4	ug/L		105	(70%-130%)		
Trichloroethylene	50.0			51.4	ug/L		103	(70%-130%)		
Trichlorofluoromethane	50.0			48.4	ug/L		97	(70%-130%)		
Vinyl chloride	50.0			72.9	ug/L		146 *	(70%-130%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
cis-1,2-Dichloroethylene	50.0			54.4	ug/L		109	(70%-130%)	CO1	06/10/26 08:43
cis-1,3-Dichloropropylene	50.0			55.5	ug/L		111	(70%-130%)		
m,p-Xylenes	100			104	ug/L		104	(70%-130%)		
o-Xylene	50.0			51.2	ug/L		102	(70%-130%)		
tert-Butyl methyl ether	50.0			51.5	ug/L		103	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			55.8	ug/L		112	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			52.5	ug/L		105	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(71%-131%)		
**Bromofluorobenzene	50.0			50.2	ug/L		100	(77%-123%)		
**Toluene-d8	50.0			50.4	ug/L		101	(77%-121%)		
QC1206494035 LCS										
1,4-Dioxane	2500			2270	ug/L		91	(70%-130%)		06/10/26 09:08
Trichlorotrifluoroethane	250			240	ug/L		96	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(71%-131%)		
**Bromofluorobenzene	50.0			50.5	ug/L		101	(77%-123%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
**Toluene-d8	50.0			50.2	ug/L		100	(77%-121%)	CO1	06/10/26 09:08
QC1206494036 MB										
1,1,1-Trichloroethane			U	ND	ug/L					06/10/26 09:59
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
1,4-Dichlorobenzene			U	ND	ug/L				CO1	06/10/26 09:59
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
Chloroethane			U	ND	ug/L				CO1	06/10/26 09:59
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
Trichloroethylene			U	ND	ug/L				CO1	06/10/26 09:59
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			42.7	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0			47.7	ug/L		95	(77%-123%)		
**Toluene-d8	50.0			49.8	ug/L		100	(77%-121%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
QC1206494037 779998001 MS											
1,1,1-Trichloroethane	50.0	U	ND		71.0	ug/L		142*	(60%-123%)	CO1	06/10/26 15:39
1,1,2,2-Tetrachloroethane	50.0	U	ND		58.3	ug/L		117	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		57.3	ug/L		115	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		63.7	ug/L		127	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		78.1	ug/L		156*	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		57.6	ug/L		115	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		58.2	ug/L		116	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		48.2	ug/L		96	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		52.9	ug/L		106	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		51.5	ug/L		103	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		71.8	ug/L		144*	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		60.9	ug/L		122	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		49.7	ug/L		99	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		49.2	ug/L		98	(54%-123%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
2-Butanone	250	U	ND		314	ug/L		126	(59%-136%)	CO1	06/10/26 15:39
2-Hexanone	250	U	ND		340	ug/L		136	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		284	ug/L		114	(63%-135%)		
Acetone	250	U	ND		329	ug/L		132	(50%-140%)		
Benzene	50.0	U	ND		59.4	ug/L		119	(64%-119%)		
Bromochloromethane	50.0	U	ND		49.0	ug/L		98	(63%-130%)		
Bromodichloromethane	50.0	U	ND		66.5	ug/L		133*	(65%-125%)		
Bromoform	50.0	U	ND		47.1	ug/L		94	(49%-129%)		
Bromomethane	50.0	U	ND		43.5	ug/L		87	(55%-154%)		
Carbon disulfide	250	U	ND		360	ug/L		144*	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		70.8	ug/L		142*	(60%-127%)		
Chlorobenzene	50.0	U	ND		50.0	ug/L		100	(61%-120%)		
Chloroethane	50.0	U	ND		58.8	ug/L		118	(60%-138%)		
Chloroform	50.0	U	ND		65.0	ug/L		130*	(64%-122%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Chloromethane	50.0	U	ND		61.5	ug/L		123	(43%-161%)	CO1	06/10/26 15:39
Cyclohexane	50.0	U	ND		63.1	ug/L		126*	(51%-125%)		
Dibromochloromethane	50.0	U	ND		57.2	ug/L		114	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		85.9	ug/L		172*	(37%-162%)		
Ethylbenzene	50.0	U	ND		60.7	ug/L		121	(57%-122%)		
Isopropylbenzene	50.0	U	ND		61.4	ug/L		123	(53%-128%)		
Methyl acetate	250	U	ND		304	ug/L		122	(58%-145%)		
Methylcyclohexane	50.0	U	ND		62.2	ug/L		124*	(58%-122%)		
Methylene chloride	50.0	U	ND		53.5	ug/L		107	(61%-135%)		
Styrene	50.0	U	ND		57.5	ug/L		115	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		47.5	ug/L		95	(53%-124%)		
Toluene	50.0	U	ND		53.4	ug/L		107	(60%-120%)		
Trichloroethylene	50.0	U	ND		59.0	ug/L		118	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		63.4	ug/L		127	(51%-134%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Vinyl chloride	50.0	U	ND		71.9	ug/L		144	(42%-155%)	CO1	06/10/26 15:39
cis-1,2-Dichloroethylene	50.0	U	ND		52.2	ug/L		104	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		69.4	ug/L		139*	(61%-123%)		
m,p-Xylenes	100	U	ND		105	ug/L		105	(58%-122%)		
o-Xylene	50.0	U	ND		61.3	ug/L		123	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		63.7	ug/L		127*	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		67.5	ug/L		135*	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		66.6	ug/L		133*	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		58.2		68.6	ug/L		137*	(71%-131%)		
**Bromofluorobenzene	50.0		55.4		55.4	ug/L		111	(77%-123%)		
**Toluene-d8	50.0		54.5		51.7	ug/L		103	(77%-121%)		
QC1206494039 779998001 MS											
1,4-Dioxane	2500	U	ND		2240	ug/L		90	(50%-136%)		06/10/26 16:30
Trichlorotrifluoroethane	250	U	ND		277	ug/L		111	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		58.2		57.8	ug/L		116	(71%-131%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
**Bromofluorobenzene	50.0		55.4		57.6	ug/L		115	(77%-123%)	CO1	06/10/26 16:30
**Toluene-d8	50.0		54.5		54.2	ug/L		108	(77%-121%)		
QC1206494038 779998001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		64.3	ug/L	10	129*	(0%-20%)		06/10/26 16:05
1,1,2,2-Tetrachloroethane	50.0	U	ND		58.5	ug/L	0	117	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		57.1	ug/L	0	114	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		60.0	ug/L	6	120	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		70.3	ug/L	10	141*	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		57.6	ug/L	0	115	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		57.6	ug/L	1	115	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		47.3	ug/L	2	95	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		51.4	ug/L	3	103	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		50.6	ug/L	2	101	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		64.4	ug/L	11	129	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		59.6	ug/L	2	119	(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
1,3-Dichlorobenzene	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)	CO1	06/10/26 16:05
1,4-Dichlorobenzene	50.0	U	ND		49.1	ug/L	0	98	(0%-20%)		
2-Butanone	250	U	ND		296	ug/L	6	119	(0%-20%)		
2-Hexanone	250	U	ND		323	ug/L	5	129	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		285	ug/L	0	114	(0%-20%)		
Acetone	250	U	ND		297	ug/L	10	119	(0%-20%)		
Benzene	50.0	U	ND		57.9	ug/L	3	116	(0%-20%)		
Bromochloromethane	50.0	U	ND		48.3	ug/L	1	97	(0%-20%)		
Bromodichloromethane	50.0	U	ND		62.2	ug/L	7	124	(0%-20%)		
Bromoform	50.0	U	ND		46.2	ug/L	2	92	(0%-20%)		
Bromomethane	50.0	U	ND		39.1	ug/L	11	78	(0%-20%)		
Carbon disulfide	250	U	ND		346	ug/L	4	138	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		64.2	ug/L	10	128*	(0%-20%)		
Chlorobenzene	50.0	U	ND		49.3	ug/L	1	99	(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Chloroethane	50.0	U	ND		51.5	ug/L	13	103	(0%-20%)	CO1	06/10/26 16:05
Chloroform	50.0	U	ND		60.7	ug/L	7	121	(0%-20%)		
Chloromethane	50.0	U	ND		63.1	ug/L	2	126	(0%-20%)		
Cyclohexane	50.0	U	ND		58.9	ug/L	7	118	(0%-20%)		
Dibromochloromethane	50.0	U	ND		55.6	ug/L	3	111	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		77.4	ug/L	10	155	(0%-20%)		
Ethylbenzene	50.0	U	ND		58.4	ug/L	4	117	(0%-20%)		
Isopropylbenzene	50.0	U	ND		61.6	ug/L	0	123	(0%-20%)		
Methyl acetate	250	U	ND		286	ug/L	6	114	(0%-20%)		
Methylcyclohexane	50.0	U	ND		59.1	ug/L	5	118	(0%-20%)		
Methylene chloride	50.0	U	ND		53.3	ug/L	0	107	(0%-20%)		
Styrene	50.0	U	ND		56.2	ug/L	2	112	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		45.7	ug/L	4	91	(0%-20%)		
Toluene	50.0	U	ND		53.2	ug/L	0	106	(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Trichloroethylene	50.0	U	ND		56.0	ug/L	5	112	(0%-20%)	CO1	06/10/26 16:05
Trichlorofluoromethane	50.0	U	ND		54.4	ug/L	15	109	(0%-20%)		
Vinyl chloride	50.0	U	ND		71.5	ug/L	0	143	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		51.2	ug/L	2	102	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		67.3	ug/L	3	135*	(0%-20%)		
m,p-Xylenes	100	U	ND		102	ug/L	3	102	(0%-20%)		
o-Xylene	50.0	U	ND		59.1	ug/L	4	118	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		60.2	ug/L	6	120	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		63.2	ug/L	6	126	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		63.5	ug/L	5	127	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		58.2		62.1	ug/L		124	(71%-131%)		
**Bromofluorobenzene	50.0		55.4		55.2	ug/L		110	(77%-123%)		
**Toluene-d8	50.0		54.5		51.5	ug/L		103	(77%-121%)		
QC1206494040 779998001 MSD											
1,4-Dioxane	2500	U	ND		2160	ug/L	4	87	(0%-20%)		06/10/26 16:55

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Trichlorotrifluoroethane	250	U	ND		256	ug/L	8	103	(0%-20%)	CO1	06/10/26 16:55
**1,2-Dichloroethane-d4	50.0		58.2		55.4	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0		55.4		56.3	ug/L		113	(77%-123%)		
**Toluene-d8	50.0		54.5		53.6	ug/L		107	(77%-121%)		
Batch 3009599											
QC1206494368 HB											
1,1,1-Trichloroethane				U	ND	ug/kg				PXY1	06/10/26 15:21
1,1,2,2-Tetrachloroethane				U	ND	ug/kg					
1,1,2-Trichloroethane				U	ND	ug/kg					
1,1-Dichloroethane				U	ND	ug/kg					
1,1-Dichloroethylene				U	ND	ug/kg					
1,2,3-Trichlorobenzene				U	ND	ug/kg					
1,2,4-Trichlorobenzene				U	ND	ug/kg					
1,2-Dibromo-3-chloropropane				U	ND	ug/kg					
1,2-Dibromoethane				U	ND	ug/kg					
1,2-Dichlorobenzene				U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
1,2-Dichloroethane			U	ND	ug/kg				PXY1	06/10/26 15:21
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
Carbon disulfide			U	ND	ug/kg				PXY1	06/10/26 15:21
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
Styrene			U	ND	ug/kg				PXY1	06/10/26 15:21
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
**1,2-Dichloroethane-d4	50.0			47.8	ug/L		96	(75%-131%)	PXY1	06/10/26 15:21
**Bromofluorobenzene	50.0			48.5	ug/L		97	(67%-136%)		
**Toluene-d8	50.0			50.4	ug/L		101	(79%-122%)		
QC1206495709 LCS										
1,1,1-Trichloroethane	50.0			42.5	ug/kg		85	(72%-126%)		06/10/26 09:53
1,1,2,2-Tetrachloroethane	50.0			46.7	ug/kg		93	(69%-120%)		
1,1,2-Trichloroethane	50.0			45.5	ug/kg		91	(74%-120%)		
1,1-Dichloroethane	50.0			45.4	ug/kg		91	(72%-126%)		
1,1-Dichloroethylene	50.0			41.5	ug/kg		83	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			42.0	ug/kg		84	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			43.5	ug/kg		87	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			43.6	ug/kg		87	(60%-135%)		
1,2-Dibromoethane	50.0			43.3	ug/kg		87	(79%-120%)		
1,2-Dichlorobenzene	50.0			45.6	ug/kg		91	(73%-120%)		
1,2-Dichloroethane	50.0			39.8	ug/kg		80	(66%-123%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
1,2-Dichloropropane	50.0			43.0	ug/kg		86	(72%-120%)	PXY1	06/10/26 09:53
1,3-Dichlorobenzene	50.0			46.3	ug/kg		93	(72%-120%)		
1,4-Dichlorobenzene	50.0			45.7	ug/kg		91	(72%-120%)		
2-Butanone	250			222	ug/kg		89	(66%-125%)		
2-Hexanone	250			227	ug/kg		91	(64%-131%)		
4-Methyl-2-pentanone	250			231	ug/kg		92	(70%-126%)		
Acetone	250			208	ug/kg		83	(60%-124%)		
Benzene	50.0			44.2	ug/kg		88	(73%-120%)		
Bromochloromethane	50.0			42.6	ug/kg		85	(73%-123%)		
Bromodichloromethane	50.0			41.2	ug/kg		82	(74%-124%)		
Bromoform	50.0			44.5	ug/kg		89	(64%-126%)		
Bromomethane	50.0			48.8	ug/kg		98	(67%-138%)		
Carbon disulfide	250			217	ug/kg		87	(69%-136%)		
Carbon tetrachloride	50.0			42.1	ug/kg		84	(72%-132%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
Chlorobenzene	50.0			43.8	ug/kg		88	(74%-120%)	PXY1	06/10/26 09:53
Chloroethane	50.0			52.3	ug/kg		105	(69%-133%)		
Chloroform	50.0			41.4	ug/kg		83	(72%-122%)		
Chloromethane	50.0			56.3	ug/kg		113	(53%-142%)		
Cyclohexane	50.0			44.5	ug/kg		89	(63%-130%)		
Dibromochloromethane	50.0			43.1	ug/kg		86	(73%-125%)		
Dichlorodifluoromethane	50.0			46.5	ug/kg		93	(57%-150%)		
Ethylbenzene	50.0			45.1	ug/kg		90	(72%-120%)		
Isopropylbenzene	50.0			46.8	ug/kg		94	(74%-129%)		
Methyl acetate	250			213	ug/kg		85	(66%-131%)		
Methylcyclohexane	50.0			43.9	ug/kg		88	(71%-127%)		
Methylene chloride	50.0			45.2	ug/kg		90	(71%-124%)		
Styrene	50.0			45.5	ug/kg		91	(70%-123%)		
Tetrachloroethylene	50.0			43.0	ug/kg		86	(68%-126%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
Toluene	50.0			44.8	ug/kg		90	(73%-120%)	PXY1	06/10/26 09:53
Trichloroethylene	50.0			41.3	ug/kg		83	(74%-122%)		
Trichlorofluoromethane	50.0			47.6	ug/kg		95	(66%-137%)		
Vinyl chloride	50.0			57.2	ug/kg		114	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			43.1	ug/kg		86	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			43.0	ug/kg		86	(74%-123%)		
m,p-Xylenes	100			88.9	ug/kg		89	(72%-121%)		
o-Xylene	50.0			44.3	ug/kg		89	(73%-120%)		
tert-Butyl methyl ether	50.0			39.9	ug/kg		80	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			43.3	ug/kg		87	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			45.2	ug/kg		90	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			47.5	ug/L		95	(75%-131%)		
**Bromofluorobenzene	50.0			50.7	ug/L		101	(67%-136%)		
**Toluene-d8	50.0			50.5	ug/L		101	(79%-122%)		

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
QC1206495710 LCS										
1,4-Dioxane	2500			2510	ug/kg		100	(57%-134%)	PXY1	06/10/26 10:20
Trichlorotrifluoroethane	250			222	ug/kg		89	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			48.2	ug/L		96	(75%-131%)		
**Bromofluorobenzene	50.0			51.5	ug/L		103	(67%-136%)		
**Toluene-d8	50.0			48.5	ug/L		97	(79%-122%)		
QC1206495711 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					06/10/26 11:42
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
1,2-Dichlorobenzene			U	ND	ug/kg				PXY1	06/10/26 11:42
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
Bromomethane			U	ND	ug/kg				PXY1	06/10/26 11:42
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009599										
Methylene chloride			U	ND	ug/kg				PXY1	06/10/26 11:42
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009599											
trans-1,3-Dichloropropylene				U	ND	ug/kg				PXY1	06/10/26 11:42
**1,2-Dichloroethane-d4	50.0				48.0	ug/L		96	(75%-131%)		
**Bromofluorobenzene	50.0				50.3	ug/L		101	(67%-136%)		
**Toluene-d8	50.0				51.0	ug/L		102	(79%-122%)		
QC1206494364 779200002 MS											
1,1,1-Trichloroethane	17100	U	ND		15000	ug/kg		88	(41%-133%)		06/10/26 19:27
1,1,2,2-Tetrachloroethane	17100	U	ND		15500	ug/kg		91	(37%-136%)		
1,1,2-Trichloroethane	17100	U	ND		16100	ug/kg		94	(44%-128%)		
1,1-Dichloroethane	17100	U	ND		16300	ug/kg		95	(44%-135%)		
1,1-Dichloroethylene	17100	U	ND		16500	ug/kg		97	(40%-147%)		
1,2,3-Trichlorobenzene	17100	U	ND		14800	ug/kg		87	(30%-133%)		
1,2,4-Trichlorobenzene	17100	U	ND		15400	ug/kg		90	(29%-139%)		
1,2-Dibromo-3-chloropropane	17100	U	ND		13800	ug/kg		81	(30%-142%)		
1,2-Dibromoethane	17100	U	ND		15100	ug/kg		88	(45%-133%)		
1,2-Dichlorobenzene	17100	U	ND		15800	ug/kg		92	(24%-133%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 3009599												
1,2-Dichloroethane	17100	U	ND		14700	ug/kg		86	(43%-129%)	PXY1	06/10/26	19:27
1,2-Dichloropropane	17100	U	ND		16600	ug/kg		97	(44%-128%)			
1,3-Dichlorobenzene	17100	U	ND		15600	ug/kg		91	(24%-132%)			
1,4-Dichlorobenzene	17100	U	ND		15600	ug/kg		91	(24%-132%)			
2-Butanone	85600	U	ND		76200	ug/kg		89	(43%-134%)			
2-Hexanone	85600	U	ND		72400	ug/kg		85	(34%-142%)			
4-Methyl-2-pentanone	85600	U	ND		76100	ug/kg		89	(44%-137%)			
Acetone	85600	U	ND		74500	ug/kg		87	(37%-134%)			
Benzene	17100	U	ND		16200	ug/kg		95	(43%-127%)			
Bromochloromethane	17100	U	ND		15800	ug/kg		92	(45%-132%)			
Bromodichloromethane	17100	U	ND		15600	ug/kg		91	(44%-130%)			
Bromoform	17100	U	ND		14800	ug/kg		87	(34%-131%)			
Bromomethane	17100	U	ND		15000	ug/kg		87	(15%-150%)			
Carbon disulfide	85600	U	ND		84000	ug/kg		98	(39%-145%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 3009599												
Carbon tetrachloride	17100	U	ND		14700	ug/kg		86	(40%-137%)	PXY1	06/10/26	19:27
Chlorobenzene	17100	U	ND		15400	ug/kg		90	(35%-128%)			
Chloroethane	17100	U	ND		15900	ug/kg		93	(35%-142%)			
Chloroform	17100	U	ND		15400	ug/kg		90	(44%-129%)			
Chloromethane	17100	U	ND		16800	ug/kg		98	(32%-150%)			
Cyclohexane	17100	U	ND		17100	ug/kg		100	(30%-136%)			
Dibromochloromethane	17100	U	ND		15100	ug/kg		88	(42%-130%)			
Dichlorodifluoromethane	17100	U	ND		14700	ug/kg		86	(31%-159%)			
Ethylbenzene	17100	U	ND		15900	ug/kg		93	(33%-131%)			
Isopropylbenzene	17100	U	ND		16700	ug/kg		98	(27%-147%)			
Methyl acetate	85600	U	ND		80100	ug/kg		94	(42%-154%)			
Methylcyclohexane	17100	U	ND		16100	ug/kg		94	(27%-137%)			
Methylene chloride	17100	U	ND		17600	ug/kg		103	(43%-136%)			
Styrene	17100	U	ND		16500	ug/kg		96	(29%-133%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 3009599												
Tetrachloroethylene	17100	J	284		14900	ug/kg		85	(31%-134%)	PXY1	06/10/26	19:27
Toluene	17100	U	ND		16200	ug/kg		95	(35%-132%)			
Trichloroethylene	17100	U	ND		15200	ug/kg		89	(39%-133%)			
Trichlorofluoromethane	17100	U	ND		14400	ug/kg		84	(39%-140%)			
Vinyl chloride	17100	U	ND		15600	ug/kg		91	(32%-146%)			
cis-1,2-Dichloroethylene	17100	U	ND		16200	ug/kg		95	(43%-131%)			
cis-1,3-Dichloropropylene	17100	U	ND		16100	ug/kg		94	(38%-131%)			
m,p-Xylenes	34200	U	ND		31600	ug/kg		92	(32%-131%)			
o-Xylene	17100	U	ND		15900	ug/kg		93	(33%-131%)			
tert-Butyl methyl ether	17100	U	ND		15500	ug/kg		90	(46%-128%)			
trans-1,2-Dichloroethylene	17100	U	ND		16400	ug/kg		96	(41%-135%)			
trans-1,3-Dichloropropylene	17100	U	ND		16100	ug/kg		94	(37%-135%)			
**1,2-Dichloroethane-d4	50.0		47.3		47.3	ug/L		95	(75%-131%)			
**Bromofluorobenzene	50.0		48.7		50.8	ug/L		102	(67%-136%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009599											
**Toluene-d8	50.0		50.8		50.8	ug/L		102	(79%-122%)	PXY1	06/10/26 19:27
QC1206494366 779200002 MS											
1,4-Dioxane	856000	U	ND		691000	ug/kg		81	(40%-142%)		06/10/26 20:22
Trichlorotrifluoroethane	85600	U	ND		74800	ug/kg		87	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		47.3		45.9	ug/L		92	(75%-131%)		
**Bromofluorobenzene	50.0		48.7		52.2	ug/L		104	(67%-136%)		
**Toluene-d8	50.0		50.8		50.2	ug/L		100	(79%-122%)		
QC1206494365 779200002 MSD											
1,1,1-Trichloroethane	17100	U	ND		14900	ug/kg	1	87	(0%-20%)		06/10/26 19:55
1,1,2,2-Tetrachloroethane	17100	U	ND		14800	ug/kg	5	86	(0%-20%)		
1,1,2-Trichloroethane	17100	U	ND		15300	ug/kg	5	90	(0%-20%)		
1,1-Dichloroethane	17100	U	ND		15900	ug/kg	3	93	(0%-20%)		
1,1-Dichloroethylene	17100	U	ND		15600	ug/kg	5	91	(0%-20%)		
1,2,3-Trichlorobenzene	17100	U	ND		14200	ug/kg	5	83	(0%-20%)		
1,2,4-Trichlorobenzene	17100	U	ND		14200	ug/kg	8	83	(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 3009599												
1,2-Dibromo-3-chloropropane	17100	U	ND		14000	ug/kg	2	82	(0%-20%)	PXY1	06/10/26	19:55
1,2-Dibromoethane	17100	U	ND		15100	ug/kg	0	88	(0%-20%)			
1,2-Dichlorobenzene	17100	U	ND		14200	ug/kg	11	83	(0%-20%)			
1,2-Dichloroethane	17100	U	ND		14700	ug/kg	1	86	(0%-20%)			
1,2-Dichloropropane	17100	U	ND		15600	ug/kg	6	91	(0%-20%)			
1,3-Dichlorobenzene	17100	U	ND		13800	ug/kg	12	81	(0%-20%)			
1,4-Dichlorobenzene	17100	U	ND		13600	ug/kg	14	80	(0%-20%)			
2-Butanone	85600	U	ND		74200	ug/kg	3	87	(0%-20%)			
2-Hexanone	85600	U	ND		74400	ug/kg	3	87	(0%-20%)			
4-Methyl-2-pentanone	85600	U	ND		75700	ug/kg	1	88	(0%-20%)			
Acetone	85600	U	ND		70500	ug/kg	6	82	(0%-20%)			
Benzene	17100	U	ND		15500	ug/kg	4	90	(0%-20%)			
Bromochloromethane	17100	U	ND		15300	ug/kg	3	90	(0%-20%)			
Bromodichloromethane	17100	U	ND		15100	ug/kg	3	88	(0%-20%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009599											
Bromoform	17100	U	ND		14700	ug/kg	1	86	(0%-20%)	PXY1	06/10/26 19:55
Bromomethane	17100	U	ND		15800	ug/kg	5	92	(0%-20%)		
Carbon disulfide	85600	U	ND		77100	ug/kg	9	90	(0%-20%)		
Carbon tetrachloride	17100	U	ND		14600	ug/kg	1	85	(0%-20%)		
Chlorobenzene	17100	U	ND		14300	ug/kg	8	83	(0%-20%)		
Chloroethane	17100	U	ND		16600	ug/kg	4	97	(0%-20%)		
Chloroform	17100	U	ND		15100	ug/kg	2	88	(0%-20%)		
Chloromethane	17100	U	ND		17800	ug/kg	6	104	(0%-20%)		
Cyclohexane	17100	U	ND		16100	ug/kg	6	94	(0%-20%)		
Dibromochloromethane	17100	U	ND		14800	ug/kg	2	87	(0%-20%)		
Dichlorodifluoromethane	17100	U	ND		16000	ug/kg	8	93	(0%-20%)		
Ethylbenzene	17100	U	ND		14300	ug/kg	10	84	(0%-20%)		
Isopropylbenzene	17100	U	ND		14600	ug/kg	14	85	(0%-20%)		
Methyl acetate	85600	U	ND		78200	ug/kg	2	91	(0%-20%)		

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 3009599												
Methylcyclohexane	17100	U	ND		15300	ug/kg	5	90	(0%-20%)	PXY1	06/10/26	19:55
Methylene chloride	17100	U	ND		16400	ug/kg	7	96	(0%-20%)			
Styrene	17100	U	ND		14800	ug/kg	11	86	(0%-20%)			
Tetrachloroethylene	17100	J	284		13700	ug/kg	9	78	(0%-20%)			
Toluene	17100	U	ND		14900	ug/kg	9	87	(0%-20%)			
Trichloroethylene	17100	U	ND		14700	ug/kg	4	86	(0%-20%)			
Trichlorofluoromethane	17100	U	ND		15000	ug/kg	4	88	(0%-20%)			
Vinyl chloride	17100	U	ND		16200	ug/kg	4	94	(0%-20%)			
cis-1,2-Dichloroethylene	17100	U	ND		15400	ug/kg	5	90	(0%-20%)			
cis-1,3-Dichloropropylene	17100	U	ND		15500	ug/kg	4	90	(0%-20%)			
m,p-Xylenes	34200	U	ND		28100	ug/kg	12	82	(0%-20%)			
o-Xylene	17100	U	ND		14400	ug/kg	10	84	(0%-20%)			
tert-Butyl methyl ether	17100	U	ND		15200	ug/kg	2	89	(0%-20%)			
trans-1,2-Dichloroethylene	17100	U	ND		15600	ug/kg	5	91	(0%-20%)			

QC Summary

Workorder: **778952**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009599											
trans-1,3-Dichloropropylene	17100	U	ND		15500	ug/kg	4	91	(0%-20%)	PXY1	06/10/26 19:55
**1,2-Dichloroethane-d4	50.0		47.3		48.1	ug/L		96	(75%-131%)		
**Bromofluorobenzene	50.0		48.7		50.3	ug/L		101	(67%-136%)		
**Toluene-d8	50.0		50.8		50.0	ug/L		100	(79%-122%)		
QC1206494367 779200002 MSD											
1,4-Dioxane	856000	U	ND		775000	ug/kg	11	91	(0%-20%)		06/10/26 20:49
Trichlorotrifluoroethane	85600	U	ND		74800	ug/kg	0	87	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		47.3		48.3	ug/L		97	(75%-131%)		
**Bromofluorobenzene	50.0		48.7		51.2	ug/L		102	(67%-136%)		
**Toluene-d8	50.0		50.8		49.9	ug/L		100	(79%-122%)		

Notes:

The Qualifiers in this report are defined as follows:

- U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J J Value is estimated
- Q Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- E E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria

QC Summary

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Client : **GEL Engineering, LLC**
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **778952**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
** Indicates analyte is a surrogate/tracer compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Project # BVDEW226
EL Quote #:
OC Number [1]:
O Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 778952 GEL Project Manager: JTR

2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample ID * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code [2]	Field Filtered [3]	Sample Matrix [4]	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Cr6, TAL Metals, TCL SVOCs	TCL SVOCs	TAL Metals	Cr6	NI	<-- Preservative Type (6)
LS-TB-052726	05-27-26	0800	TB	N	DI			3	3						
LS-SB-38-1.0		0840	G	N	SO			1		1					
LS-SB-38-5.0		0855	G	N	SO			5	4	1					
LS-SB-37-1.0		1040	G	N	SO			1		1					
LS-SB-37-3.0		1110	G	N	SO			5	4	1					
LS-EB-052726		1700	EB	N	DI			3			2	1	1		

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
	5-28-26	0855	1	5-28-26	0855
			2		
			3		

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] *Yes* [ ] *No* ***Cooler Temp:*** 3 °C

For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone : [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

) Chain of Custody Number = Client Determined

) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

) Field Filtered: For liquid matrices, indicate with a - **Y** - for yes the sample was field filtered or - **N** - for sample was not field filtered.

) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**).

) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

) **KNOWN OR POSSIBLE HAZARDS**

CRA Metals
s = Arsenic **Hg**= Mercury
a = Barium **Se**= Selenium
d = Cadmium **Ag**= Silver
r = Chromium **MR**= Misc. RCRA metals
b = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposa concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 778952	GEL PM: JR
Received By: MT	Date Received at GEL: 5-28-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services (Courier) Client Other:

IR Temp gun #IR4-25 Daily Calibration Performed? (Y)N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
—	3				
—	2				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A) Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM/ mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?			✓	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓		✓ MT 5-28-26	Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No ✓ NA___ Sample IDs and containers affected: ID: LS-TB-052726 not free of headspace
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 5/29/26

Continuation Form Required when selected

List of current GEL Certifications as of 11 June 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 778952

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 3009411

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952001	LS-TB-052726
778952006	LS-EB-052726
1206494034	Laboratory Control Sample (LCS) **Batch 3009411**
1206494035	Laboratory Control Sample (LCS)
1206494036	Method Blank (MB)
1206494037	779998001(NonSDG) Matrix Spike (MS)
1206494038	779998001(NonSDG) Matrix Spike Duplicate (MSD)
1206494039	779998001(NonSDG) Matrix Spike (MS)
1206494040	779998001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Surrogate Recoveries
Surrogate recoveries in sample (See Below) was outside the acceptance limits. The recoveries were similar. It is believed possible matrix interference has been demonstrated

Sample	Analyte	Value
1206494037 (Non SDG 779998001MS)	1, 2-Dichloroethane-d4	137* (71%-131%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206494034 (LCS)	Carbon disulfide	135* (70%-130%)
	Vinyl chloride	146* (70%-130%)

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The recoveries were similar. It is believed possible matrix interference has been demonstrated.

Sample	Analyte	Value
1206494037 (Non SDG 779998001MS)	1, 1, 1-Trichloroethane	142* (60%-123%)
	1, 1-Dichloroethylene	156* (59%-138%)
	Carbon tetrachloride	142* (60%-127%)
	cis-1, 3-Dichloropropylene	139* (61%-123%)
1206494038 (Non SDG 779998001MSD)	1, 1, 1-Trichloroethane	129* (60%-123%)
	1, 1-Dichloroethylene	141* (59%-138%)
	Carbon tetrachloride	128* (60%-127%)
	cis-1, 3-Dichloropropylene	135* (61%-123%)

The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206494037 (Non SDG 779998001MS)	1, 2-Dichloroethane	144* (58%-130%)
	Bromodichloromethane	133* (65%-125%)
	Carbon disulfide	144* (60%-139%)
	Chloroform	130* (64%-122%)
	Cyclohexane	126* (51%-125%)
	Dichlorodifluoromethane	172* (37%-162%)
	Methylcyclohexane	124* (58%-122%)
	tert-Butyl methyl ether	127* (60%-124%)
	trans-1, 2-Dichloroethylene	135* (64%-127%)
	trans-1, 3-Dichloropropylene	133* (62%-127%)

Technical Information

Sample Re-extraction/Re-analysis
Samples 778952001 (LS-TB-052726) and 778952006 (LS-EB-052726) were re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and were reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 3009599

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 3009598

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952003	LS-SB-38-5.0
778952005	LS-SB-37-3.0
1206494364	779200002(NonSDG) Matrix Spike (MS) **Batch 3009599**
1206494365	779200002(NonSDG) Matrix Spike Duplicate (MSD)
1206494366	779200002(NonSDG) Matrix Spike (MS)
1206494367	779200002(NonSDG) Matrix Spike Duplicate (MSD)
1206494368	High Blank (HB)
1206495709	Laboratory Control Sample (LCS)
1206495710	Laboratory Control Sample (LCS)
1206495711	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 3002795

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 3002794

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952006	LS-EB-052726
1206481372	Method Blank (MB) **Batch 3002795**

1206481373	Laboratory Control Sample (LCS)
1206482025	779011001(NonSDG) Matrix Spike (MS)
1206482026	779011001(NonSDG) Matrix Spike Duplicate (MSD)
1206483513	779048004(NonSDG) Matrix Spike (MS)
1206483514	779048004(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206481373 (LCS)	4-Nitrophenol	9* (25%-69%)

Spike Recovery Statement
The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206482025 (Non SDG 779011001MS)	Benzaldehyde	12* (16%-109%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206482025MS and 1206482026MSD (Non SDG 779011001)	4-Nitrophenol	147* (0%-30%)
	Benzaldehyde	42* (0%-30%)
1206483513MS and 1206483514MSD (Non SDG 779048004)	Benzaldehyde	34* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3546/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 3003489

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 3003487

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952002	LS-SB-38-1.0
778952003	LS-SB-38-5.0
778952004	LS-SB-37-1.0
778952005	LS-SB-37-3.0
1206482683	Method Blank (MB) **Batch 3003489**
1206482684	Laboratory Control Sample (LCS)
1206482685	779194003(NonSDG) Matrix Spike (MS)
1206482686	779194003(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples 778952002 (LS-SB-38-1.0), 778952003 (LS-SB-38-5.0), 778952004 (LS-SB-37-1.0) and 778952005 (LS-SB-37-3.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8270 outlier acceptance criteria. If required, a CRDL was analyzed after the CCVs to demonstrate that there is adequate sensitivity to detect the failed compounds at the applicable lower quantitation limit.
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted and displayed similar surrogate failures. The failures were attributed to matrix interference. The original extraction results have been reported.

Sample	Analyte	Value
778952002 (LS-SB-38-1.0)	2, 4, 6-Tribromophenol	18* (20%-130%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206482684 (LCS)	Benzaldehyde	0* (21%-89%)

Spike Recovery Statement
The MS and/or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. As similar recoveries were displayed in the MS and MSD, the failures were attributed to sample matrix interference and that the samples were analyzed at a dilution. The data were reported.

Sample	Analyte	Value
1206482685 (Non SDG 779194003MS)	1, 1'-Biphenyl	0* (15%-129%)
	1, 2, 4, 5-Tetrachlorobenzene	0* (21%-114%)
	2, 3, 4, 6-Tetrachlorophenol	0* (21%-129%)
	2, 4, 5-Trichlorophenol	0* (23%-127%)
	2, 4, 6-Trichlorophenol	0* (21%-132%)
	2, 4-Dichlorophenol	0* (19%-124%)
	2, 4-Dimethylphenol	0* (17%-103%)
	2, 4-Dinitrophenol	0* (19%-117%)
	2, 4-Dinitrotoluene	0* (24%-125%)
	2, 6-Dinitrotoluene	0* (23%-124%)
	2-Chlorophenol	0* (16%-112%)
	2-Methyl-4, 6-dinitrophenol	0* (10%-120%)
	2-Nitrophenol	0* (16%-114%)
	3, 3'-Dichlorobenzidine	0* (8%-108%)
	4-Bromophenylphenylether	0* (20%-122%)
	4-Chloro-3-methylphenol	0* (23%-126%)
	4-Chloroaniline	0* (18%-88%)
	4-Chlorophenylphenylether	0* (21%-126%)
	4-Nitrophenol	0* (12%-137%)
	Acetophenone	0* (20%-117%)
	Atrazine	0* (24%-133%)
	Benzaldehyde	0* (12%-103%)
	Benzo(a)pyrene	0* (20%-120%)
	Dibenzofuran	0* (21%-121%)
	Diphenylamine	0* (20%-116%)
	Hexachlorobenzene	0* (23%-128%)
	Hexachlorobutadiene	0* (16%-113%)

	Hexachlorocyclopentadiene	0* (10%-78%)
	Hexachloroethane	0* (13%-98%)
	Isophorone	0* (16%-113%)
	N-Nitrosodipropylamine	0* (15%-118%)
	Nitrobenzene	0* (17%-109%)
	Pentachlorophenol	0* (11%-126%)
	Phenol	0* (17%-116%)
	bis(2-Chloro-1-methylethyl)ether	0* (10%-110%)
	bis(2-Chloroethoxy)methane	0* (20%-110%)
	bis(2-Chloroethyl) ether	0* (15%-109%)
	m, p-Cresols	0* (20%-119%)
	m-Nitroaniline	0* (10%-108%)
	o-Cresol	0* (16%-120%)
	o-Nitroaniline	0* (21%-125%)
	p-Nitroaniline	0* (9%-138%)
1206482686 (Non SDG 779194003MSD)	1, 1'-Biphenyl	0* (15%-129%)
	1, 2, 4, 5-Tetrachlorobenzene	0* (21%-114%)
	2, 3, 4, 6-Tetrachlorophenol	0* (21%-129%)
	2, 4, 5-Trichlorophenol	0* (23%-127%)
	2, 4, 6-Trichlorophenol	0* (21%-132%)
	2, 4-Dichlorophenol	0* (19%-124%)
	2, 4-Dimethylphenol	0* (17%-103%)
	2, 4-Dinitrophenol	0* (19%-117%)
	2, 4-Dinitrotoluene	0* (24%-125%)
	2, 6-Dinitrotoluene	0* (23%-124%)
	2-Chlorophenol	0* (16%-112%)
	2-Methyl-4, 6-dinitrophenol	0* (10%-120%)
	2-Nitrophenol	0* (16%-114%)
	3, 3'-Dichlorobenzidine	0* (8%-108%)
	4-Bromophenylphenylether	0* (20%-122%)
	4-Chloro-3-methylphenol	0* (23%-126%)
	4-Chloroaniline	0* (18%-88%)
	4-Chlorophenylphenylether	0* (21%-126%)
	4-Nitrophenol	0* (12%-137%)
	Acetophenone	0* (20%-117%)
	Atrazine	0* (24%-133%)
	Benzaldehyde	0* (12%-103%)
	Benzo(a)pyrene	0* (20%-120%)
	Dibenzofuran	0* (21%-121%)

	Diphenylamine	0* (20%-116%)
	Hexachlorobenzene	0* (23%-128%)
	Hexachlorobutadiene	0* (16%-113%)
	Hexachlorocyclopentadiene	0* (10%-78%)
	Hexachloroethane	0* (13%-98%)
	Isophorone	0* (16%-113%)
	N-Nitrosodipropylamine	0* (15%-118%)
	Nitrobenzene	0* (17%-109%)
	Pentachlorophenol	0* (11%-126%)
	Phenol	0* (17%-116%)
	bis(2-Chloro-1-methylethyl)ether	0* (10%-110%)
	bis(2-Chloroethoxy)methane	0* (20%-110%)
	bis(2-Chloroethyl) ether	0* (15%-109%)
	m, p-Cresols	0* (20%-119%)
	m-Nitroaniline	0* (10%-108%)
	o-Cresol	0* (16%-120%)
	o-Nitroaniline	0* (21%-125%)
	p-Nitroaniline	0* (9%-138%)

Technical Information

Preparation/Analytical Method Verification
Samples 1206482685 (Non SDG 779194003MS) and 1206482686 (Non SDG 779194003MSD) did not concentrate down to 1 mL. Final volume was recorded in the Prep Logbook.
Samples 1206482685 (Non SDG 779194003MS) and 1206482686 (Non SDG 779194003MSD) were noted as being insulation type material. An aliquot of 10 grams was used for extraction.

Sample Dilutions

Samples 1206482685 (Non SDG 779194003MS) and 1206482686 (Non SDG 779194003MSD) were diluted due to extract final volume greater than 1.0 mL.

Sample Re-extraction/Re-analysis
Sample 778952002 (LS-SB-38-1.0) was re-analyzed due to the possibility of carryover from the previous injection. Data were reported from the re-analysis.
Samples 1206482685 (Non SDG 779194003MS) and 1206482686 (Non SDG 779194003MSD) were re-analyzed at a dilution due to initial paperwork having incorrect final volumes.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 3002723

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 3002722

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952002	LS-SB-38-1.0
778952003	LS-SB-38-5.0
778952004	LS-SB-37-1.0
778952005	LS-SB-37-3.0
1206481236	Method Blank (MB)**ICP Batch 3002723**
1206481237	Laboratory Control Sample (LCS)
1206481241	778952002(LS-SB-38-1.0L) Serial Dilution (SD)
1206481238	778952002(LS-SB-38-1.0S) Matrix Spike (MS)
1206481239	778952002(LS-SB-38-1.0SD) Matrix Spike Duplicate (MSD)
1206481240	778952002(LS-SB-38-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206481238 (LS-SB-38-1.0MS)	Barium	146* (75%-125%)
	Sodium	141* (75%-125%)
	Vanadium	152* (75%-125%)
1206481239 (LS-SB-38-1.0MSD)	Antimony	135* (75%-125%)
	Barium	222* (75%-125%)
	Cadmium	130* (75%-125%)
	Cobalt	148* (75%-125%)

	Lead	164* (75%-125%)
	Nickel	309* (75%-125%)
	Potassium	132* (75%-125%)
	Selenium	70.4* (75%-125%)
	Silver	130* (75%-125%)
	Vanadium	223* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206481238MS and 1206481239MSD (LS-SB-38-1.0)	Antimony	RPD 31.1* (0%-20%)
	Cadmium	RPD 25.2* (0%-20%)
	Calcium	RPD 25.7* (0%-20%)
	Cobalt	RPD 21* (0%-20%)
	Copper	RPD 47.9* (0%-20%)
	Lead	RPD 22.1* (0%-20%)
	Nickel	RPD 44.2* (0%-20%)
	Selenium	RPD 26.6* (0%-20%)
	Sodium	RPD 22.1* (0%-20%)
	Zinc	RPD 40.1* (0%-20%)

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all applicable analytes met the established acceptance criteria for the serial dilution; therefore, matrix suppression may be suspected, and the data has been qualified.

Sample	Analyte	Value
1206481241 (LS-SB-38-1.0SDILT)	Aluminum	22.6 *(0%-20%)
	Calcium	25 *(0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were initially ran diluted due to the yellow matrix that can cause instrument failures. Samples were diluted to bring raw values of iron, manganese, calcium, magnesium, and zinc within the instrument's linear range and, for analytes affected by interference, to ensure the

inter-element correction factors were valid. 778952002 (LS-SB-38-1.0), 778952003 (LS-SB-38-5.0), 778952004 (LS-SB-37-1.0) and 778952005 (LS-SB-37-3.0).

Analyte	778952			
	002	**003**	**004**	**005**
Aluminum	5X	5X	5X	5X
Antimony	10X	20X	20X	5X
Arsenic	10X	20X	20X	5X
Barium	10X	20X	20X	5X
Beryllium	5X	5X	5X	5X
Cadmium	10X	20X	20X	5X
Calcium	5X	5X	5X	5X
Chromium	10X	20X	20X	5X
Cobalt	10X	20X	20X	5X
Copper	10X	20X	20X	5X
Iron	10X	20X	20X	5X
Lead	10X	20X	20X	5X
Magnesium	10X	20X	20X	5X
Manganese	10X	50X	20X	50X
Nickel	10X	20X	20X	5X
Potassium	10X	20X	20X	5X
Selenium	10X	20X	20X	5X
Silver	10X	20X	20X	5X
Sodium	5X	5X	5X	
Thallium	5X	5X	5X	
Vanadium	10X	20X	20X	5X
Zinc	10X	20X	20X	5X

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 3002725

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 3002724

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952006	LS-EB-052726
1206481242	Method Blank (MB)**ICP Batch 3002725**
1206481243	Laboratory Control Sample (LCS)
1206481247	778952006(LS-EB-052726L) Serial Dilution (SD)
1206481244	778952006(LS-EB-052726S) Matrix Spike (MS)
1206481245	778952006(LS-EB-052726SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Method Blank (MB) Statement
The samples in this SDG did not contain the above noted analytes at concentrations higher than the MDL, therefore the data was not adversely affected.

Sample	Analyte	Value
1206481242 (MB)	Zinc	12.1 ug/L * 10 > 11.3

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 3002748

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 43
Preparation Batch: 3002734

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952002	LS-SB-38-1.0
778952003	LS-SB-38-5.0
778952004	LS-SB-37-1.0
778952005	LS-SB-37-3.0
1206481309	Method Blank (MB)**CVAA Batch 3002748**
1206481310	Laboratory Control Sample (LCS)
1206481314	778722001(NonSDGD) Sample Duplicate (DUP)
1206481315	778722001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A

Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 3003194

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 43
Preparation Batch: 3003193

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952006	LS-EB-052726
1206482164	Method Blank (MB)**CVAA Batch 3003194**
1206482165	Laboratory Control Sample (LCS)
1206482167	776752009(NonSDGD) Sample Duplicate (DUP)
1206482168	776752009(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 3002649

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952006	LS-EB-052726
1206481147	Method Blank (MB) **Batch 3002649**
1206481148	Laboratory Control Sample (LCS)
1206481149	778952006(LS-EB-052726) Sample Duplicate (DUP)
1206481150	778952006(LS-EB-052726) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 3006104

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 3006103

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952002	LS-SB-38-1.0
778952003	LS-SB-38-5.0
778952004	LS-SB-37-1.0
778952005	LS-SB-37-3.0
1206487487	Method Blank (MB) **Batch 3006104**
1206487488	Laboratory Control Sample (LCS)
1206487489	777456001(NonSDG) Sample Duplicate (DUP)
1206487490	777456001(NonSDG) Matrix Spike (MS)
1206487493	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 3002595

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
778952002	LS-SB-38-1.0
778952003	LS-SB-38-5.0
778952004	LS-SB-37-1.0
778952005	LS-SB-37-3.0
1206481100	778952002(LS-SB-38-1.0) Sample Duplicate (DUP) **Batch 3002595**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

June 12, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 779423

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on May 29, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 779423 GEL Work Order: 779423

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

J Value is estimated

NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TB-052826	Project:	RVDE00226C
Sample ID:	779423001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	28-MAY-26 16:00		
Receive Date:	29-MAY-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	06/10/26	1927	3009411	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-052826 Project: RVDE00226C
Sample ID: 779423001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	55.4 ug/L	50.0	111	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	63.3 ug/L	50.0	127	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.7 ug/L	50.0	107	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-3.0
Sample ID: 779423002
Matrix: Soil
Collect Date: 28-MAY-26 17:00
Receive Date: 29-MAY-26
Collector: Client
Moisture: 11.4%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	13.7	8.83	26.3	ug/kg	117	1	JP2	06/05/26	1050	3006032	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4770000	6430	18900	ug/kg	83.8	1	EM2	06/02/26	1417	3003719	2
Antimony	U	ND	312	1890	ug/kg	83.8	1					
Arsenic	J	2310	473	2840	ug/kg	83.8	1					
Barium		25400	94.5	473	ug/kg	83.8	1					
Beryllium	J	242	94.5	473	ug/kg	83.8	1					
Cadmium	U	ND	94.5	473	ug/kg	83.8	1					
Calcium		326000	7560	23600	ug/kg	83.8	1					
Chromium		3600	142	945	ug/kg	83.8	1					
Cobalt		764	142	473	ug/kg	83.8	1					
Copper	J	821	284	1890	ug/kg	83.8	1					
Iron		2940000	7560	23600	ug/kg	83.8	1					
Lead		3360	312	1890	ug/kg	83.8	1					
Magnesium		131000	8030	28400	ug/kg	83.8	1					
Manganese		21700	189	945	ug/kg	83.8	1					
Nickel		1220	142	473	ug/kg	83.8	1					
Potassium		115000	6050	23600	ug/kg	83.8	1					
Selenium	U	ND	473	2840	ug/kg	83.8	1					
Silver	U	ND	94.5	473	ug/kg	83.8	1					
Sodium		45500	6620	23600	ug/kg	83.8	1					
Thallium	U	ND	473	1890	ug/kg	83.8	1					
Vanadium		5490	94.5	473	ug/kg	83.8	1					
Zinc		2290	378	1890	ug/kg	83.8	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	376	ug/kg	0.0333	1	LL2	06/03/26	1457	3004948	3
1,2,4,5-Tetrachlorobenzene	U	ND	113	376	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	376	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	113	376	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	113	376	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	113	376	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	113	376	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	113	751	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-3.0 Project: RVDE00226C
Sample ID: 779423002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	376	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	113	376	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	11.3	37.6	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	113	376	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	376	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	11.3	37.6	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	113	376	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	113	376	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	113	376	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	150	376	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	113	376	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	113	376	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	113	376	ug/kg	0.0333	1					
Acenaphthene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Acenaphthylene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Acetophenone	U	ND	113	376	ug/kg	0.0333	1					
Anthracene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Atrazine	U	ND	150	376	ug/kg	0.0333	1					
Benzaldehyde	U	ND	113	376	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	11.3	37.6	ug/kg	0.0333	1					
Carbazole	U	ND	11.3	37.6	ug/kg	0.0333	1					
Chrysene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	11.3	37.6	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	11.3	37.6	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Dibenzofuran	U	ND	113	376	ug/kg	0.0333	1					
Diethylphthalate	U	ND	11.3	37.6	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	11.3	37.6	ug/kg	0.0333	1					
Diphenylamine	U	ND	113	376	ug/kg	0.0333	1					
Fluoranthene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Fluorene	U	ND	11.3	37.6	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-3.0 Project: RVDE00226C
Sample ID: 779423002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	376	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	113	376	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	113	376	ug/kg	0.0333	1					
Hexachloroethane	U	ND	113	376	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Isophorone	U	ND	113	376	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	113	376	ug/kg	0.0333	1					
Naphthalene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Nitrobenzene	U	ND	113	376	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	113	376	ug/kg	0.0333	1					
Phenanthrene	U	ND	11.3	37.6	ug/kg	0.0333	1					
Phenol	U	ND	113	376	ug/kg	0.0333	1					
Pyrene	U	ND	11.3	37.6	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	376	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	113	376	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	113	376	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.3	37.6	ug/kg	0.0333	1					
m,p-Cresols	U	ND	113	376	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	113	376	ug/kg	0.0333	1					
o-Cresol	U	ND	113	376	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	124	376	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	113	376	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.153	0.383	mg/kg	33.9	1	BR2	06/11/26	1513	3006104	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3546	Prep Method 3546 for Solid	JG3	06/03/26	0652	3004947
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103
SW846 3050B	SW846 3050B Prep	PB1	06/01/26	0940	3003718
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	MM7	06/04/26	1615	3006012

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-30-3.0	Project:	RVDE00226C
Sample ID:	779423002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1080 ug/kg	1880	57	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	1880	61	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1180 ug/kg	1880	63	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2030 ug/kg	3760	54	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2580 ug/kg	3760	69	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2420 ug/kg	3760	65	(23%-108%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-6.0
Sample ID: 779423003
Matrix: Soil
Collect Date: 28-MAY-26 17:30
Receive Date: 29-MAY-26
Collector: Client
Moisture: 18.2%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	16.0	8.36	25.0	ug/kg	102	1	JP2	06/05/26	1052	3006032	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		6400000	7900	23200	ug/kg	95.1	1	EM2	06/02/26	1439	3003719	2
Antimony	U	ND	384	2320	ug/kg	95.1	1					
Arsenic		3920	581	3490	ug/kg	95.1	1					
Barium		16600	116	581	ug/kg	95.1	1					
Beryllium	J	176	116	581	ug/kg	95.1	1					
Cadmium	U	ND	116	581	ug/kg	95.1	1					
Calcium		158000	9300	29100	ug/kg	95.1	1					
Chromium		7350	174	1160	ug/kg	95.1	1					
Cobalt		1180	174	581	ug/kg	95.1	1					
Copper	J	1120	349	2320	ug/kg	95.1	1					
Iron		4570000	9300	29100	ug/kg	95.1	1					
Lead		3210	384	2320	ug/kg	95.1	1					
Magnesium		234000	9880	34900	ug/kg	95.1	1					
Manganese		14200	232	1160	ug/kg	95.1	1					
Nickel		1520	174	581	ug/kg	95.1	1					
Potassium		232000	7440	29100	ug/kg	95.1	1					
Selenium	U	ND	581	3490	ug/kg	95.1	1					
Silver	U	ND	116	581	ug/kg	95.1	1					
Sodium		46700	8140	29100	ug/kg	95.1	1					
Thallium	U	ND	581	2320	ug/kg	95.1	1					
Vanadium		10100	116	581	ug/kg	95.1	1					
Zinc		4160	465	2320	ug/kg	95.1	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	122	406	ug/kg	0.0332	1	LL2	06/03/26	1518	3004948	3
1,2,4,5-Tetrachlorobenzene	U	ND	122	406	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	122	406	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	122	813	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-6.0 Project: RVDE00226C
Sample ID: 779423003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	122	406	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	122	406	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	12.2	40.6	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	122	406	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	122	406	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	12.2	40.6	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	122	406	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	122	406	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	122	406	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	163	406	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	122	406	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	122	406	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	122	406	ug/kg	0.0332	1					
Acenaphthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Acenaphthylene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Acetophenone	U	ND	122	406	ug/kg	0.0332	1					
Anthracene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Atrazine	U	ND	163	406	ug/kg	0.0332	1					
Benzaldehyde	U	ND	122	406	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Carbazole	U	ND	12.2	40.6	ug/kg	0.0332	1					
Chrysene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Dibenzofuran	U	ND	122	406	ug/kg	0.0332	1					
Diethylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
Diphenylamine	U	ND	122	406	ug/kg	0.0332	1					
Fluoranthene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Fluorene	U	ND	12.2	40.6	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-6.0 Project: RVDE00226C
Sample ID: 779423003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	122	406	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	122	406	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	122	406	ug/kg	0.0332	1					
Hexachloroethane	U	ND	122	406	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Isophorone	U	ND	122	406	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	122	406	ug/kg	0.0332	1					
Naphthalene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Nitrobenzene	U	ND	122	406	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	122	406	ug/kg	0.0332	1					
Phenanthrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
Phenol	U	ND	122	406	ug/kg	0.0332	1					
Pyrene	U	ND	12.2	40.6	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	122	406	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	122	406	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	122	406	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.2	40.6	ug/kg	0.0332	1					
m,p-Cresols	U	ND	122	406	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	122	406	ug/kg	0.0332	1					
o-Cresol	U	ND	122	406	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	134	406	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	122	406	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.184	0.147	0.367	mg/kg	30.0	1	BR2	06/11/26	1513	3006104	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.283	0.850	ug/kg	0.695	1	PXY1	06/11/26	1443	3010460	5
1,1,2,2-Tetrachloroethane	U	ND	0.283	0.850	ug/kg	0.695	1					
1,1,2-Trichloroethane	U	ND	0.283	0.850	ug/kg	0.695	1					
1,1-Dichloroethane	U	ND	0.283	0.850	ug/kg	0.695	1					
1,1-Dichloroethylene	U	ND	0.283	0.850	ug/kg	0.695	1					
1,2,3-Trichlorobenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
1,2,4-Trichlorobenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
1,2-Dibromo-3-chloropropane	U	ND	0.425	0.850	ug/kg	0.695	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-6.0 Project: RVDE00226C
Sample ID: 779423003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.283	0.850	ug/kg	0.695	1					
1,2-Dichlorobenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
1,2-Dichloroethane	U	ND	0.283	0.850	ug/kg	0.695	1					
1,2-Dichloropropane	U	ND	0.283	0.850	ug/kg	0.695	1					
1,3-Dichlorobenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
1,4-Dichlorobenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
1,4-Dioxane	U	ND	14.2	42.5	ug/kg	0.695	1					
2-Butanone	J	3.79	1.42	4.25	ug/kg	0.695	1					
2-Hexanone	U	ND	1.42	4.25	ug/kg	0.695	1					
4-Methyl-2-pentanone	U	ND	1.42	4.25	ug/kg	0.695	1					
Acetone		19.3	1.42	4.25	ug/kg	0.695	1					
Benzene	U	ND	0.283	0.850	ug/kg	0.695	1					
Bromochloromethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Bromodichloromethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Bromoform	U	ND	0.283	0.850	ug/kg	0.695	1					
Bromomethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Carbon disulfide	U	ND	1.42	4.25	ug/kg	0.695	1					
Carbon tetrachloride	U	ND	0.283	0.850	ug/kg	0.695	1					
Chlorobenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
Chloroethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Chloroform	U	ND	0.283	0.850	ug/kg	0.695	1					
Chloromethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Cyclohexane	U	ND	0.283	0.850	ug/kg	0.695	1					
Dibromochloromethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Dichlorodifluoromethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Ethylbenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
Isopropylbenzene	U	ND	0.283	0.850	ug/kg	0.695	1					
Methyl acetate	U	ND	1.42	4.25	ug/kg	0.695	1					
Methylcyclohexane	U	ND	0.283	0.850	ug/kg	0.695	1					
Methylene chloride	U	ND	1.42	4.25	ug/kg	0.695	1					
Styrene	U	ND	0.283	0.850	ug/kg	0.695	1					
Tetrachloroethylene	U	ND	0.283	0.850	ug/kg	0.695	1					
Toluene	U	ND	0.283	0.850	ug/kg	0.695	1					
Trichloroethylene	U	ND	0.283	0.850	ug/kg	0.695	1					
Trichlorofluoromethane	U	ND	0.283	0.850	ug/kg	0.695	1					
Trichlorotrifluoroethane	U	ND	1.42	4.25	ug/kg	0.695	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-30-6.0 Project: RVDE00226C
Sample ID: 779423003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.283	0.850	ug/kg	0.695	1					
cis-1,2-Dichloroethylene	U	ND	0.283	0.850	ug/kg	0.695	1					
cis-1,3-Dichloropropylene	U	ND	0.283	0.850	ug/kg	0.695	1					
m,p-Xylenes	U	ND	0.567	1.70	ug/kg	0.695	1					
o-Xylene	U	ND	0.283	0.850	ug/kg	0.695	1					
tert-Butyl methyl ether	U	ND	0.283	0.850	ug/kg	0.695	1					
trans-1,2-Dichloroethylene	U	ND	0.283	0.850	ug/kg	0.695	1					
trans-1,3-Dichloropropylene	U	ND	0.283	0.850	ug/kg	0.695	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	MM7	06/04/26	1615	3006012
SW846 5035	5035 Prep	PXY1	05/28/26	1730	3010459
SW846 3546	Prep Method 3546 for Solid	JG3	06/03/26	0652	3004947
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103
SW846 3050B	SW846 3050B Prep	PB1	06/01/26	0940	3003718

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1370 ug/kg	2030	67	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	2030	68	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1420 ug/kg	2030	70	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2440 ug/kg	4060	60	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3170 ug/kg	4060	78	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3090 ug/kg	4060	76	(23%-108%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.7 ug/kg	50.0	100	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.2 ug/kg	50.0	99	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	41.3 ug/kg	50.0	97	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-30-6.0	Project:	RVDE00226C
Sample ID:	779423003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
		Corrected"										

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-4.0
Sample ID: 779423004
Matrix: Soil
Collect Date: 29-MAY-26 07:45
Receive Date: 29-MAY-26
Collector: Client
Moisture: 19.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		39.7	9.90	29.6	ug/kg	120	1	JP2	06/05/26	1054	3006032	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3460000	8370	24600	ug/kg	99.6	1	EM2	06/02/26	1442	3003719	2
Antimony	J	661	406	2460	ug/kg	99.6	1					
Arsenic	J	1350	616	3690	ug/kg	99.6	1					
Barium		10800	123	616	ug/kg	99.6	1					
Beryllium	U	ND	123	616	ug/kg	99.6	1					
Cadmium	U	ND	123	616	ug/kg	99.6	1					
Calcium		8420000	9850	30800	ug/kg	99.6	1					
Chromium		10200	185	1230	ug/kg	99.6	1					
Cobalt		1130	185	616	ug/kg	99.6	1					
Copper		6630	369	2460	ug/kg	99.6	1					
Iron		6950000	9850	30800	ug/kg	99.6	1					
Lead		8610	406	2460	ug/kg	99.6	1					
Magnesium		266000	10500	36900	ug/kg	99.6	1					
Manganese		37600	246	1230	ug/kg	99.6	1					
Nickel		3470	185	616	ug/kg	99.6	1					
Potassium		151000	7880	30800	ug/kg	99.6	1					
Selenium	J	1120	616	3690	ug/kg	99.6	1					
Silver	U	ND	123	616	ug/kg	99.6	1					
Sodium		55100	8620	30800	ug/kg	99.6	1					
Thallium	U	ND	616	2460	ug/kg	99.6	1					
Vanadium		7610	123	616	ug/kg	99.6	1					
Zinc		19900	493	2460	ug/kg	99.6	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	123	410	ug/kg	0.0332	1	LL2	06/03/26	1626	3004948	3
1,2,4,5-Tetrachlorobenzene	U	ND	123	410	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	123	410	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	123	410	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	123	410	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	123	410	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	123	410	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	123	821	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-4.0 Project: RVDE00226C
Sample ID: 779423004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	123	410	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	123	410	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	12.3	41.0	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	123	410	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	123	410	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	12.3	41.0	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	123	410	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	123	410	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	123	410	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	164	410	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	123	410	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	123	410	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	123	410	ug/kg	0.0332	1					
Acenaphthene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Acenaphthylene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Acetophenone	U	ND	123	410	ug/kg	0.0332	1					
Anthracene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Atrazine	U	ND	164	410	ug/kg	0.0332	1					
Benzaldehyde	U	ND	123	410	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	12.3	41.0	ug/kg	0.0332	1					
Carbazole	U	ND	12.3	41.0	ug/kg	0.0332	1					
Chrysene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	12.3	41.0	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	12.3	41.0	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Dibenzofuran	U	ND	123	410	ug/kg	0.0332	1					
Diethylphthalate	U	ND	12.3	41.0	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	12.3	41.0	ug/kg	0.0332	1					
Diphenylamine	U	ND	123	410	ug/kg	0.0332	1					
Fluoranthene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Fluorene	U	ND	12.3	41.0	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-4.0 Project: RVDE00226C
Sample ID: 779423004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	123	410	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	123	410	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	123	410	ug/kg	0.0332	1					
Hexachloroethane	U	ND	123	410	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Isophorone	U	ND	123	410	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	123	410	ug/kg	0.0332	1					
Naphthalene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Nitrobenzene	U	ND	123	410	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	123	410	ug/kg	0.0332	1					
Phenanthrene	U	ND	12.3	41.0	ug/kg	0.0332	1					
Phenol	U	ND	123	410	ug/kg	0.0332	1					
Pyrene	U	ND	12.3	41.0	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	123	410	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	123	410	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	123	410	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.3	41.0	ug/kg	0.0332	1					
m,p-Cresols	U	ND	123	410	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	123	410	ug/kg	0.0332	1					
o-Cresol	U	ND	123	410	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	135	410	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	123	410	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.559	0.114	0.284	mg/kg	23.0	1	BR2	06/11/26	1513	3006104	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	MM7	06/04/26	1615	3006012
SW846 3546	Prep Method 3546 for Solid	JG3	06/03/26	0652	3004947
SW846 3050B	SW846 3050B Prep	PB1	06/01/26	0940	3003718
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-33-4.0	Project:	RVDE00226C
Sample ID:	779423004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	968 ug/kg	2050	47	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1010 ug/kg	2050	49	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1110 ug/kg	2050	54	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1220 ug/kg	4100	30	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2110 ug/kg	4100	51	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1040 ug/kg	4100	25	(23%-108%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-4.0-DP
Sample ID: 779423005
Matrix: Soil
Collect Date: 29-MAY-26 07:47
Receive Date: 29-MAY-26
Collector: Client
Moisture: 19.6%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		69.2	8.59	25.6	ug/kg	103	1	JP2	06/05/26	1055	3006032	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3120000	7470	22000	ug/kg	88.3	1	EM2	06/02/26	1444	3003719	2
Antimony	J	446	363	2200	ug/kg	88.3	1					
Arsenic	J	1540	549	3300	ug/kg	88.3	1					
Barium		10200	110	549	ug/kg	88.3	1					
Beryllium	U	ND	110	549	ug/kg	88.3	1					
Cadmium	U	ND	110	549	ug/kg	88.3	1					
Calcium		11700000	8790	27500	ug/kg	88.3	1					
Chromium		10600	165	1100	ug/kg	88.3	1					
Cobalt		3110	165	549	ug/kg	88.3	1					
Copper		6540	330	2200	ug/kg	88.3	1					
Iron		10800000	8790	27500	ug/kg	88.3	1					
Lead		12400	363	2200	ug/kg	88.3	1					
Magnesium		284000	9340	33000	ug/kg	88.3	1					
Manganese		40700	220	1100	ug/kg	88.3	1					
Nickel		3410	165	549	ug/kg	88.3	1					
Potassium		136000	7030	27500	ug/kg	88.3	1					
Selenium	J	767	549	3300	ug/kg	88.3	1					
Silver	U	ND	110	549	ug/kg	88.3	1					
Sodium		65700	7690	27500	ug/kg	88.3	1					
Thallium	U	ND	549	2200	ug/kg	88.3	1					
Vanadium		11400	110	549	ug/kg	88.3	1					
Zinc		27100	440	2200	ug/kg	88.3	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	123	409	ug/kg	0.0329	1	NM1	06/10/26	1807	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	123	409	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	123	409	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	123	409	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	123	409	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	123	409	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	123	409	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	123	819	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-4.0-DP
Sample ID: 779423005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	123	409	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	123	409	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	12.3	40.9	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	123	409	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	123	409	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	12.3	40.9	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	123	409	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	123	409	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	123	409	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	164	409	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	123	409	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	123	409	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	123	409	ug/kg	0.0329	1					
Acenaphthene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Acenaphthylene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Acetophenone	U	ND	123	409	ug/kg	0.0329	1					
Anthracene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Atrazine	U	ND	164	409	ug/kg	0.0329	1					
Benzaldehyde	U	ND	123	409	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	12.3	40.9	ug/kg	0.0329	1					
Carbazole	U	ND	12.3	40.9	ug/kg	0.0329	1					
Chrysene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	12.3	40.9	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	12.3	40.9	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Dibenzofuran	U	ND	123	409	ug/kg	0.0329	1					
Diethylphthalate	U	ND	12.3	40.9	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	12.3	40.9	ug/kg	0.0329	1					
Diphenylamine	U	ND	123	409	ug/kg	0.0329	1					
Fluoranthene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Fluorene	U	ND	12.3	40.9	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-4.0-DP
Sample ID: 779423005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	123	409	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	123	409	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	123	409	ug/kg	0.0329	1					
Hexachloroethane	U	ND	123	409	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Isophorone	U	ND	123	409	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	123	409	ug/kg	0.0329	1					
Naphthalene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Nitrobenzene	U	ND	123	409	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	123	409	ug/kg	0.0329	1					
Phenanthrene	U	ND	12.3	40.9	ug/kg	0.0329	1					
Phenol	U	ND	123	409	ug/kg	0.0329	1					
Pyrene	U	ND	12.3	40.9	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	123	409	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	123	409	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	123	409	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.3	40.9	ug/kg	0.0329	1					
m,p-Cresols	U	ND	123	409	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	123	409	ug/kg	0.0329	1					
o-Cresol	U	ND	123	409	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	135	409	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	123	409	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.676	0.146	0.365	mg/kg	29.3	1	BR2	06/11/26	1513	3006104	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430
SW846 3546	Prep Method 3546 for Solid	JG3	06/03/26	0652	3004947
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103
SW846 3050B	SW846 3050B Prep	PB1	06/01/26	0940	3003718
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	MM7	06/04/26	1615	3006012

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-33-4.0-DP	Project:	RVDE00226C
Sample ID:	779423005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	2050	73	(22%-120%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1420 ug/kg	2050	69	(23%-109%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1610 ug/kg	2050	79	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1970 ug/kg	4090	48	(20%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1420 ug/kg	4090	35	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2940 ug/kg	4090	72	(24%-117%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0
Sample ID: 779423006
Matrix: Soil
Collect Date: 29-MAY-26 07:55
Receive Date: 29-MAY-26
Collector: Client
Moisture: 16.9%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.83	26.4	ug/kg	109	1	JP2	06/05/26	1057	3006032	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4360000	7640	22500	ug/kg	93.3	1	EM2	06/02/26	1447	3003719	2
Antimony	J	440	371	2250	ug/kg	93.3	1					
Arsenic	J	949	562	3370	ug/kg	93.3	1					
Barium		9240	112	562	ug/kg	93.3	1					
Beryllium	J	116	112	562	ug/kg	93.3	1					
Cadmium	U	ND	112	562	ug/kg	93.3	1					
Calcium		165000	8990	28100	ug/kg	93.3	1					
Chromium		3250	168	1120	ug/kg	93.3	1					
Cobalt	J	415	168	562	ug/kg	93.3	1					
Copper	J	791	337	2250	ug/kg	93.3	1					
Iron		2390000	8990	28100	ug/kg	93.3	1					
Lead		2600	371	2250	ug/kg	93.3	1					
Magnesium		108000	9550	33700	ug/kg	93.3	1					
Manganese		8260	225	1120	ug/kg	93.3	1					
Nickel		1210	168	562	ug/kg	93.3	1					
Potassium		71200	7190	28100	ug/kg	93.3	1					
Selenium	U	ND	562	3370	ug/kg	93.3	1					
Silver	U	ND	112	562	ug/kg	93.3	1					
Sodium		92400	7860	28100	ug/kg	93.3	1					
Thallium	U	ND	562	2250	ug/kg	93.3	1					
Vanadium		5600	112	562	ug/kg	93.3	1					
Zinc		3620	449	2250	ug/kg	93.3	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	120	401	ug/kg	0.0333	1	LL2	06/03/26	1709	3004948	3
1,2,4,5-Tetrachlorobenzene	U	ND	120	401	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	120	401	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	120	401	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	120	401	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	120	401	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	120	401	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	120	802	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0 Project: RVDE00226C
Sample ID: 779423006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	120	401	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	120	401	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	12.0	40.1	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	120	401	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	120	401	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	12.0	40.1	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	120	401	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	120	401	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	120	401	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	160	401	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	120	401	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	120	401	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	120	401	ug/kg	0.0333	1					
Acenaphthene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Acenaphthylene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Acetophenone	U	ND	120	401	ug/kg	0.0333	1					
Anthracene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Atrazine	U	ND	160	401	ug/kg	0.0333	1					
Benzaldehyde	U	ND	120	401	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	12.0	40.1	ug/kg	0.0333	1					
Carbazole	U	ND	12.0	40.1	ug/kg	0.0333	1					
Chrysene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	12.0	40.1	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	12.0	40.1	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Dibenzofuran	U	ND	120	401	ug/kg	0.0333	1					
Diethylphthalate	U	ND	12.0	40.1	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	12.0	40.1	ug/kg	0.0333	1					
Diphenylamine	U	ND	120	401	ug/kg	0.0333	1					
Fluoranthene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Fluorene	U	ND	12.0	40.1	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0 Project: RVDE00226C
Sample ID: 779423006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	120	401	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	120	401	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	120	401	ug/kg	0.0333	1					
Hexachloroethane	U	ND	120	401	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Isophorone	U	ND	120	401	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	120	401	ug/kg	0.0333	1					
Naphthalene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Nitrobenzene	U	ND	120	401	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	120	401	ug/kg	0.0333	1					
Phenanthrene	U	ND	12.0	40.1	ug/kg	0.0333	1					
Phenol	U	ND	120	401	ug/kg	0.0333	1					
Pyrene	U	ND	12.0	40.1	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	120	401	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	120	401	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	120	401	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.0	40.1	ug/kg	0.0333	1					
m,p-Cresols	U	ND	120	401	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	120	401	ug/kg	0.0333	1					
o-Cresol	U	ND	120	401	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	132	401	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	120	401	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.155	0.388	mg/kg	32.3	1	BR2	06/11/26	1513	3006104	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.274	0.822	ug/kg	0.683	1	PXY1	06/11/26	1509	3010460	5
1,1,2,2-Tetrachloroethane	U	ND	0.274	0.822	ug/kg	0.683	1					
1,1,2-Trichloroethane	U	ND	0.274	0.822	ug/kg	0.683	1					
1,1-Dichloroethane	U	ND	0.274	0.822	ug/kg	0.683	1					
1,1-Dichloroethylene	U	ND	0.274	0.822	ug/kg	0.683	1					
1,2,3-Trichlorobenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
1,2,4-Trichlorobenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
1,2-Dibromo-3-chloropropane	U	ND	0.411	0.822	ug/kg	0.683	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0 Project: RVDE00226C
Sample ID: 779423006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.274	0.822	ug/kg	0.683	1					
1,2-Dichlorobenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
1,2-Dichloroethane	U	ND	0.274	0.822	ug/kg	0.683	1					
1,2-Dichloropropane	U	ND	0.274	0.822	ug/kg	0.683	1					
1,3-Dichlorobenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
1,4-Dichlorobenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
1,4-Dioxane	U	ND	13.7	41.1	ug/kg	0.683	1					
2-Butanone		6.09	1.37	4.11	ug/kg	0.683	1					
2-Hexanone	U	ND	1.37	4.11	ug/kg	0.683	1					
4-Methyl-2-pentanone	U	ND	1.37	4.11	ug/kg	0.683	1					
Acetone		37.3	1.37	4.11	ug/kg	0.683	1					
Benzene	U	ND	0.274	0.822	ug/kg	0.683	1					
Bromochloromethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Bromodichloromethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Bromoform	U	ND	0.274	0.822	ug/kg	0.683	1					
Bromomethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Carbon disulfide	U	ND	1.37	4.11	ug/kg	0.683	1					
Carbon tetrachloride	U	ND	0.274	0.822	ug/kg	0.683	1					
Chlorobenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
Chloroethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Chloroform	U	ND	0.274	0.822	ug/kg	0.683	1					
Chloromethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Cyclohexane	U	ND	0.274	0.822	ug/kg	0.683	1					
Dibromochloromethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Dichlorodifluoromethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Ethylbenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
Isopropylbenzene	U	ND	0.274	0.822	ug/kg	0.683	1					
Methyl acetate	U	ND	1.37	4.11	ug/kg	0.683	1					
Methylcyclohexane	J	0.288	0.274	0.822	ug/kg	0.683	1					
Methylene chloride	U	ND	1.37	4.11	ug/kg	0.683	1					
Styrene	U	ND	0.274	0.822	ug/kg	0.683	1					
Tetrachloroethylene	U	ND	0.274	0.822	ug/kg	0.683	1					
Toluene	U	ND	0.274	0.822	ug/kg	0.683	1					
Trichloroethylene	U	ND	0.274	0.822	ug/kg	0.683	1					
Trichlorofluoromethane	U	ND	0.274	0.822	ug/kg	0.683	1					
Trichlorotrifluoroethane	U	ND	1.37	4.11	ug/kg	0.683	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0 Project: RVDE00226C
Sample ID: 779423006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.274	0.822	ug/kg	0.683	1					
cis-1,2-Dichloroethylene	U	ND	0.274	0.822	ug/kg	0.683	1					
cis-1,3-Dichloropropylene	U	ND	0.274	0.822	ug/kg	0.683	1					
m,p-Xylenes	U	ND	0.549	1.64	ug/kg	0.683	1					
o-Xylene	U	ND	0.274	0.822	ug/kg	0.683	1					
tert-Butyl methyl ether	U	ND	0.274	0.822	ug/kg	0.683	1					
trans-1,2-Dichloroethylene	U	ND	0.274	0.822	ug/kg	0.683	1					
trans-1,3-Dichloropropylene	U	ND	0.274	0.822	ug/kg	0.683	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	MM7	06/04/26	1615	3006012
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103
SW846 3546	Prep Method 3546 for Solid	JG3	06/03/26	0652	3004947
SW846 3050B	SW846 3050B Prep	PB1	06/01/26	0940	3003718
SW846 5035	5035 Prep	PXY1	05/29/26	0755	3010459

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1020 ug/kg	2000	51	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1090 ug/kg	2000	54	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1140 ug/kg	2000	57	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2020 ug/kg	4010	50	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2290 ug/kg	4010	57	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2200 ug/kg	4010	55	(23%-108%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	42.0 ug/kg	50.0	102	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	41.3 ug/kg	50.0	100	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	39.4 ug/kg	50.0	96	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-33-7.0	Project:	RVDE00226C
Sample ID:	779423006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0-DP
Sample ID: 779423007
Matrix: Soil
Collect Date: 29-MAY-26 07:57
Receive Date: 29-MAY-26
Collector: Client
Moisture: 17.7%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	9.58	28.6	ug/kg	118	1	JP2	06/05/26	1059	3006032	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2660000	7110	20900	ug/kg	86.1	1	EM2	06/02/26	1450	3003719	2
Antimony	U	ND	345	2090	ug/kg	86.1	1					
Arsenic	U	ND	523	3140	ug/kg	86.1	1					
Barium		5760	105	523	ug/kg	86.1	1					
Beryllium	U	ND	105	523	ug/kg	86.1	1					
Cadmium	U	ND	105	523	ug/kg	86.1	1					
Calcium		122000	8360	26100	ug/kg	86.1	1					
Chromium		2240	157	1050	ug/kg	86.1	1					
Cobalt	J	305	157	523	ug/kg	86.1	1					
Copper	J	558	314	2090	ug/kg	86.1	1					
Iron		1320000	8360	26100	ug/kg	86.1	1					
Lead	J	1530	345	2090	ug/kg	86.1	1					
Magnesium		56300	8890	31400	ug/kg	86.1	1					
Manganese		4720	209	1050	ug/kg	86.1	1					
Nickel		729	157	523	ug/kg	86.1	1					
Potassium		41100	6690	26100	ug/kg	86.1	1					
Selenium	U	ND	523	3140	ug/kg	86.1	1					
Silver	U	ND	105	523	ug/kg	86.1	1					
Sodium		58600	7320	26100	ug/kg	86.1	1					
Thallium	U	ND	523	2090	ug/kg	86.1	1					
Vanadium		3060	105	523	ug/kg	86.1	1					
Zinc	J	2040	418	2090	ug/kg	86.1	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	121	404	ug/kg	0.0333	1	LL2	06/03/26	1730	3004948	3
1,2,4,5-Tetrachlorobenzene	U	ND	121	404	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	121	404	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	121	404	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	121	404	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	121	404	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	121	404	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	121	808	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0-DP
Sample ID: 779423007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	121	404	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	121	404	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	12.1	40.4	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	121	404	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	121	404	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	12.1	40.4	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	121	404	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	121	404	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	121	404	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	162	404	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	121	404	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	121	404	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	121	404	ug/kg	0.0333	1					
Acenaphthene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Acenaphthylene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Acetophenone	U	ND	121	404	ug/kg	0.0333	1					
Anthracene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Atrazine	U	ND	162	404	ug/kg	0.0333	1					
Benzaldehyde	U	ND	121	404	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	12.1	40.4	ug/kg	0.0333	1					
Carbazole	U	ND	12.1	40.4	ug/kg	0.0333	1					
Chrysene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	12.1	40.4	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	12.1	40.4	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Dibenzofuran	U	ND	121	404	ug/kg	0.0333	1					
Diethylphthalate	U	ND	12.1	40.4	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	12.1	40.4	ug/kg	0.0333	1					
Diphenylamine	U	ND	121	404	ug/kg	0.0333	1					
Fluoranthene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Fluorene	U	ND	12.1	40.4	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0-DP
Sample ID: 779423007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	121	404	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	121	404	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	121	404	ug/kg	0.0333	1					
Hexachloroethane	U	ND	121	404	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Isophorone	U	ND	121	404	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	121	404	ug/kg	0.0333	1					
Naphthalene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Nitrobenzene	U	ND	121	404	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	121	404	ug/kg	0.0333	1					
Phenanthrene	U	ND	12.1	40.4	ug/kg	0.0333	1					
Phenol	U	ND	121	404	ug/kg	0.0333	1					
Pyrene	U	ND	12.1	40.4	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	121	404	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	121	404	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	121	404	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.1	40.4	ug/kg	0.0333	1					
m,p-Cresols	U	ND	121	404	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	121	404	ug/kg	0.0333	1					
o-Cresol	U	ND	121	404	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	133	404	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	121	404	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.124	0.310	mg/kg	25.5	1	BR2	06/11/26	1513	3006104	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.295	0.887	ug/kg	0.730	1	PXY1	06/11/26	1535	3010460	5
1,1,2,2-Tetrachloroethane	U	ND	0.295	0.887	ug/kg	0.730	1					
1,1,2-Trichloroethane	U	ND	0.295	0.887	ug/kg	0.730	1					
1,1-Dichloroethane	U	ND	0.295	0.887	ug/kg	0.730	1					
1,1-Dichloroethylene	U	ND	0.295	0.887	ug/kg	0.730	1					
1,2,3-Trichlorobenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
1,2,4-Trichlorobenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
1,2-Dibromo-3-chloropropane	U	ND	0.443	0.887	ug/kg	0.730	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-33-7.0-DP
Sample ID: 779423007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.295	0.887	ug/kg	0.730	1					
1,2-Dichlorobenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
1,2-Dichloroethane	U	ND	0.295	0.887	ug/kg	0.730	1					
1,2-Dichloropropane	U	ND	0.295	0.887	ug/kg	0.730	1					
1,3-Dichlorobenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
1,4-Dichlorobenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
1,4-Dioxane	U	ND	14.8	44.3	ug/kg	0.730	1					
2-Butanone	J	3.26	1.48	4.43	ug/kg	0.730	1					
2-Hexanone	U	ND	1.48	4.43	ug/kg	0.730	1					
4-Methyl-2-pentanone	U	ND	1.48	4.43	ug/kg	0.730	1					
Acetone		27.5	1.48	4.43	ug/kg	0.730	1					
Benzene	U	ND	0.295	0.887	ug/kg	0.730	1					
Bromochloromethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Bromodichloromethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Bromoform	U	ND	0.295	0.887	ug/kg	0.730	1					
Bromomethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Carbon disulfide	U	ND	1.48	4.43	ug/kg	0.730	1					
Carbon tetrachloride	U	ND	0.295	0.887	ug/kg	0.730	1					
Chlorobenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
Chloroethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Chloroform	U	ND	0.295	0.887	ug/kg	0.730	1					
Chloromethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Cyclohexane	U	ND	0.295	0.887	ug/kg	0.730	1					
Dibromochloromethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Dichlorodifluoromethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Ethylbenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
Isopropylbenzene	U	ND	0.295	0.887	ug/kg	0.730	1					
Methyl acetate	U	ND	1.48	4.43	ug/kg	0.730	1					
Methylcyclohexane	U	ND	0.295	0.887	ug/kg	0.730	1					
Methylene chloride	J	2.33	1.48	4.43	ug/kg	0.730	1					
Styrene	U	ND	0.295	0.887	ug/kg	0.730	1					
Tetrachloroethylene	U	ND	0.295	0.887	ug/kg	0.730	1					
Toluene	U	ND	0.295	0.887	ug/kg	0.730	1					
Trichloroethylene	U	ND	0.295	0.887	ug/kg	0.730	1					
Trichlorofluoromethane	U	ND	0.295	0.887	ug/kg	0.730	1					
Trichlorotrifluoroethane	U	ND	1.48	4.43	ug/kg	0.730	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-33-7.0-DP	Project:	RVDE00226C
Sample ID:	779423007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.295	0.887	ug/kg	0.730	1					
cis-1,2-Dichloroethylene	U	ND	0.295	0.887	ug/kg	0.730	1					
cis-1,3-Dichloropropylene	U	ND	0.295	0.887	ug/kg	0.730	1					
m,p-Xylenes	U	ND	0.592	1.77	ug/kg	0.730	1					
o-Xylene	U	ND	0.295	0.887	ug/kg	0.730	1					
tert-Butyl methyl ether	U	ND	0.295	0.887	ug/kg	0.730	1					
trans-1,2-Dichloroethylene	U	ND	0.295	0.887	ug/kg	0.730	1					
trans-1,3-Dichloropropylene	U	ND	0.295	0.887	ug/kg	0.730	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	MM7	06/04/26	1615	3006012
SW846 3546	Prep Method 3546 for Solid	JG3	06/03/26	0652	3004947
SW846 5035	5035 Prep	PXY1	05/29/26	0757	3010459
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/10/26	1255	3006103
SW846 3050B	SW846 3050B Prep	PB1	06/01/26	0940	3003718

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1040 ug/kg	2020	52	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1110 ug/kg	2020	55	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1190 ug/kg	2020	59	(22%-130%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2150 ug/kg	4040	53	(20%-130%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2320 ug/kg	4040	57	(24%-117%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2220 ug/kg	4040	55	(23%-108%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	45.7 ug/kg	50.0	103	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.5 ug/kg	50.0	100	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	43.7 ug/kg	50.0	99	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 12, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-33-7.0-DP	Project:	RVDE00226C
Sample ID:	779423007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: June 12, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 3003719											
QC1206482985 LCS											
Aluminum	445000			424000	ug/kg		95.3	(80%-120%)	EM2	06/02/26	14:14
Antimony	44500			43800	ug/kg		98.5	(80%-120%)			
Arsenic	44500			45000	ug/kg		101	(80%-120%)			
Barium	44500			43700	ug/kg		98.3	(80%-120%)			
Beryllium	44500			44900	ug/kg		101	(80%-120%)			
Cadmium	44500			44100	ug/kg		99.2	(80%-120%)			
Calcium	445000			436000	ug/kg		98.1	(80%-120%)			
Chromium	44500			44100	ug/kg		99.2	(80%-120%)			
Cobalt	44500			43500	ug/kg		97.8	(80%-120%)			
Copper	44500			43900	ug/kg		98.6	(80%-120%)			
Iron	445000			439000	ug/kg		98.7	(80%-120%)			
Lead	44500			45500	ug/kg		102	(80%-120%)			

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3003719										
Magnesium	445000			444000	ug/kg		99.8	(80%-120%)	EM2	06/02/26 14:14
Manganese	44500			44000	ug/kg		98.8	(80%-120%)		
Nickel	44500			44200	ug/kg		99.3	(80%-120%)		
Potassium	445000			440000	ug/kg		98.9	(80%-120%)		
Selenium	44500			44200	ug/kg		99.3	(80%-120%)		
Silver	8900			8650	ug/kg		97.3	(80%-120%)		
Sodium	445000			426000	ug/kg		95.7	(80%-120%)		
Thallium	44500			46000	ug/kg		103	(80%-120%)		
Vanadium	44500			43500	ug/kg		97.7	(80%-120%)		
Zinc	44500			43700	ug/kg		98.3	(80%-120%)		
QC1206482984 MB										
Aluminum			U	ND	ug/kg					06/02/26 14:11
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3003719										
Beryllium			U	ND	ug/kg				EM2	06/02/26 14:11
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3003719											
Sodium				U	ND	ug/kg				EM2	06/02/26 14:11
Thallium				U	ND	ug/kg					
Vanadium				U	ND	ug/kg					
Zinc				U	ND	ug/kg					
QC1206482986 779423002 MS											
Aluminum	512000		4770000		6570000	ug/kg		N/A	(75%-125%)		06/02/26 14:22
Antimony	51200	U	ND		50700	ug/kg		99	(75%-125%)		
Arsenic	51200	J	2310		53300	ug/kg		99.5	(75%-125%)		
Barium	51200		25400		68400	ug/kg		84	(75%-125%)		
Beryllium	51200	J	242		52400	ug/kg		102	(75%-125%)		
Cadmium	51200	U	ND		50600	ug/kg		98.8	(75%-125%)		
Calcium	512000		326000		678000	ug/kg		68.9*	(75%-125%)		
Chromium	51200		3600		55600	ug/kg		102	(75%-125%)		
Cobalt	51200		764		51100	ug/kg		98.4	(75%-125%)		
Copper	51200	J	821		52700	ug/kg		101	(75%-125%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3003719											
Iron	512000		2940000		3060000	ug/kg		N/A	(75%-125%)	EM2	06/02/26 14:22
Lead	51200		3360		55300	ug/kg		101	(75%-125%)		
Magnesium	512000		131000		734000	ug/kg		118	(75%-125%)		
Manganese	51200		21700		62900	ug/kg		80.5	(75%-125%)		
Nickel	51200		1220		53100	ug/kg		101	(75%-125%)		
Potassium	512000		115000		665000	ug/kg		107	(75%-125%)		
Selenium	51200	U	ND		52100	ug/kg		102	(75%-125%)		
Silver	10200	U	ND		10100	ug/kg		99	(75%-125%)		
Sodium	512000		45500		544000	ug/kg		97.3	(75%-125%)		
Thallium	51200	U	ND		52600	ug/kg		103	(75%-125%)		
Vanadium	51200		5490		55900	ug/kg		98.4	(75%-125%)		
Zinc	51200		2290		54000	ug/kg		101	(75%-125%)		
QC1206482987 779423002 MSD											
Aluminum	522000		4770000		6080000	ug/kg	7.72	N/A	(0%-20%)		06/02/26 14:25
Antimony	52200	U	ND		51200	ug/kg	1.05	98.1	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 3003719												
Arsenic	52200	J	2310		54200	ug/kg	1.63	99.2	(0%-20%)	EM2	06/02/26	14:25
Barium	52200		25400		70900	ug/kg	3.61	87.1	(0%-20%)			
Beryllium	52200	J	242		53800	ug/kg	2.69	103	(0%-20%)			
Cadmium	52200	U	ND		51800	ug/kg	2.49	99.2	(0%-20%)			
Calcium	522000		326000		686000	ug/kg	1.15	69*	(0%-20%)			
Chromium	52200		3600		56900	ug/kg	2.22	102	(0%-20%)			
Cobalt	52200		764		52300	ug/kg	2.29	98.7	(0%-20%)			
Copper	52200	J	821		54200	ug/kg	2.68	102	(0%-20%)			
Iron	522000		2940000		3080000	ug/kg	0.713	N/A	(0%-20%)			
Lead	52200		3360		55900	ug/kg	1.06	101	(0%-20%)			
Magnesium	522000		131000		710000	ug/kg	3.26	111	(0%-20%)			
Manganese	52200		21700		65800	ug/kg	4.51	84.4	(0%-20%)			
Nickel	52200		1220		53700	ug/kg	1.16	100	(0%-20%)			
Potassium	522000		115000		655000	ug/kg	1.52	103	(0%-20%)			

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3003719											
Selenium	52200	U	ND		52300	ug/kg	0.26	100	(0%-20%)	EM2	06/02/26 14:25
Silver	10400	U	ND		10300	ug/kg	1.38	98.4	(0%-20%)		
Sodium	522000		45500		541000	ug/kg	0.517	94.8	(0%-20%)		
Thallium	52200	U	ND		53400	ug/kg	1.46	102	(0%-20%)		
Vanadium	52200		5490		58200	ug/kg	4.14	101	(0%-20%)		
Zinc	52200		2290		55200	ug/kg	2.3	101	(0%-20%)		
QC1206482988 779423002 PS											
Calcium	5000		3440		8460	ug/L		100	(75%-125%)		06/02/26 14:27
QC1206482989 779423002 SDILT											
Aluminum			50500		10500	ug/L	4.09		(0%-20%)		06/02/26 14:30
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		J	24.5	U	ND	ug/L	N/A		(0%-20%)		
Barium			268		54.2	ug/L	1.07		(0%-20%)		
Beryllium		J	2.56	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium			3440		707	ug/L	2.67		(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3003719										
Chromium		38.1	J	7.55	ug/L	1.06		(0%-20%)	EM2	06/02/26 14:30
Cobalt		8.08	J	1.55	ug/L	3.87		(0%-20%)		
Copper	J	8.69	U	ND	ug/L	N/A		(0%-20%)		
Iron		31100		6420	ug/L	3.34		(0%-20%)		
Lead		35.6	J	9.86	ug/L	38.6		(0%-20%)		
Magnesium		1390	J	287	ug/L	3.46		(0%-20%)		
Manganese		230		46.9	ug/L	2.11		(0%-20%)		
Nickel		12.9	J	3.04	ug/L	17.6		(0%-20%)		
Potassium		1220		280	ug/L	15		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		481	J	104	ug/L	8.09		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		58.1		11.5	ug/L	1.42		(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3003719											
Zinc			24.2	J	6.41	ug/L	32.4		(0%-20%)	EM2	06/02/26 14:30
Metals Analysis-Mercury											
Batch 3006032											
QC1206487386 779413001 DUP											
Mercury		U	ND	U	ND	ug/kg	N/A			JP2	06/05/26 10:45
QC1206487376 LCS											
Mercury	229				238	ug/kg		104	(80%-120%)		06/05/26 10:16
QC1206487375 MB											
Mercury				U	ND	ug/kg					06/05/26 10:14
QC1206487387 779413001 MS											
Mercury	215	U	ND		208	ug/kg		95.3	(80%-120%)		06/05/26 10:47
Semi-Volatile-GC/MS											
Batch 3004948											
QC1206485620 LCS											
1,1'-Biphenyl	1660				1190	ug/kg		72	(51%-123%)	LL2	06/03/26 13:03
1,2,4,5-Tetrachlorobenzene	1660				1170	ug/kg		70	(47%-109%)		
2,3,4,6-Tetrachlorophenol	1660				1220	ug/kg		74	(49%-125%)		
2,4,5-Trichlorophenol	1660				1380	ug/kg		83	(55%-123%)		
2,4,6-Trichlorophenol	1660				1310	ug/kg		79	(54%-123%)		
2,4-Dichlorophenol	1660				1290	ug/kg		77	(55%-115%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
2,4-Dimethylphenol	1660			764	ug/kg		46	(44%-97%)	LL2	06/03/26 13:03
2,4-Dinitrophenol	1660			1130	ug/kg		68	(22%-89%)		
2,4-Dinitrotoluene	1660			1320	ug/kg		79	(52%-123%)		
2,6-Dinitrotoluene	1660			1260	ug/kg		76	(54%-117%)		
2-Chloronaphthalene	1660			1210	ug/kg		73	(48%-105%)		
2-Chlorophenol	1660			1270	ug/kg		76	(52%-106%)		
2-Methyl-4,6-dinitrophenol	1660			1140	ug/kg		68	(21%-106%)		
2-Methylnaphthalene	1660			1290	ug/kg		78	(49%-99%)		
2-Nitrophenol	1660			1140	ug/kg		69	(50%-109%)		
3,3'-Dichlorobenzidine	1660			1330	ug/kg		80	(35%-112%)		
4-Bromophenylphenylether	1660			1280	ug/kg		77	(53%-113%)		
4-Chloro-3-methylphenol	1660			1340	ug/kg		81	(56%-118%)		
4-Chloroaniline	1660			1140	ug/kg		69	(36%-85%)		
4-Chlorophenylphenylether	1660			1360	ug/kg		82	(52%-119%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
4-Nitrophenol	1660			1490	ug/kg		90	(37%-134%)	LL2	06/03/26 13:03
Acenaphthene	1660			1180	ug/kg		71	(50%-103%)		
Acenaphthylene	1660			1100	ug/kg		66	(50%-102%)		
Acetophenone	1660			1190	ug/kg		71	(49%-104%)		
Anthracene	1660			1250	ug/kg		75	(54%-106%)		
Atrazine	1660			1040	ug/kg		62	(50%-131%)		
Benzaldehyde	1660		U	ND	ug/kg		0*	(21%-89%)		
Benzo(a)anthracene	1660			1250	ug/kg		75	(55%-114%)		
Benzo(a)pyrene	1660			1240	ug/kg		75	(50%-113%)		
Benzo(b)fluoranthene	1660			1370	ug/kg		82	(53%-114%)		
Benzo(ghi)perylene	1660			1370	ug/kg		82	(42%-125%)		
Benzo(k)fluoranthene	1660			1350	ug/kg		81	(53%-121%)		
Butylbenzylphthalate	1660			1340	ug/kg		80	(49%-124%)		
Carbazole	1660			1310	ug/kg		79	(50%-122%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
Chrysene	1660			1310	ug/kg		79	(57%-113%)	LL2	06/03/26 13:03
Di-n-butylphthalate	1660			1330	ug/kg		80	(54%-122%)		
Di-n-octylphthalate	1660			1330	ug/kg		80	(46%-134%)		
Dibenzo(a,h)anthracene	1660			1340	ug/kg		81	(45%-133%)		
Dibenzofuran	1660			1260	ug/kg		76	(55%-112%)		
Diethylphthalate	1660			1290	ug/kg		78	(56%-120%)		
Dimethylphthalate	1660			1270	ug/kg		76	(56%-116%)		
Diphenylamine	1660			1270	ug/kg		76	(52%-112%)		
Fluoranthene	1660			1330	ug/kg		80	(52%-121%)		
Fluorene	1660			1250	ug/kg		75	(52%-113%)		
Hexachlorobenzene	1660			1220	ug/kg		73	(55%-112%)		
Hexachlorobutadiene	1660			1160	ug/kg		70	(46%-108%)		
Hexachlorocyclopentadiene	1660			522	ug/kg		31	(26%-82%)		
Hexachloroethane	1660			1120	ug/kg		67	(42%-94%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
Indeno(1,2,3-cd)pyrene	1660			1350	ug/kg		81	(47%-133%)	LL2	06/03/26 13:03
Isophorone	1660			1050	ug/kg		63	(48%-104%)		
N-Nitrosodipropylamine	1660			1200	ug/kg		72	(43%-109%)		
Naphthalene	1660			1160	ug/kg		70	(49%-98%)		
Nitrobenzene	1660			1190	ug/kg		72	(48%-102%)		
Pentachlorophenol	1660			1260	ug/kg		76	(31%-114%)		
Phenanthrene	1660			1230	ug/kg		74	(56%-109%)		
Phenol	1660			1380	ug/kg		83	(47%-108%)		
Pyrene	1660			1350	ug/kg		81	(42%-117%)		
bis(2-Chloro-1-methylethyl)ether	1660			1190	ug/kg		72	(35%-110%)		
bis(2-Chloroethoxy)methane	1660			1240	ug/kg		75	(49%-101%)		
bis(2-Chloroethyl) ether	1660			1220	ug/kg		74	(45%-99%)		
bis(2-Ethylhexyl)phthalate	1660			1380	ug/kg		83	(44%-126%)		
m,p-Cresols	1660			1360	ug/kg		82	(48%-115%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
m-Nitroaniline	1660			949	ug/kg		57	(39%-111%)	LL2	06/03/26 13:03
o-Cresol	1660			1250	ug/kg		75	(50%-109%)		
o-Nitroaniline	1660			1260	ug/kg		76	(47%-122%)		
p-Nitroaniline	1660			1200	ug/kg		72	(35%-146%)		
**2,4,6-Tribromophenol	3330			2390	ug/kg		72	(20%-130%)		
**2-Fluorobiphenyl	1660			1140	ug/kg		69	(22%-120%)		
**2-Fluorophenol	3330			2410	ug/kg		73	(23%-108%)		
**Nitrobenzene-d5	1660			1140	ug/kg		69	(23%-109%)		
**Phenol-d5	3330			2470	ug/kg		74	(24%-117%)		
**p-Terphenyl-d14	1660			1250	ug/kg		75	(22%-130%)		
QC1206485619 MB										
1,1'-Biphenyl			U	ND	ug/kg					06/03/26 12:40
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
2,4,6-Trichlorophenol			U	ND	ug/kg				LL2	06/03/26 12:40
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
4-Chloroaniline			U	ND	ug/kg				LL2	06/03/26 12:40
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
Butylbenzylphthalate			U	ND	ug/kg				LL2	06/03/26 12:40
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
Hexachlorocyclopentadiene			U	ND	ug/kg				LL2	06/03/26 12:40
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg				LL2	06/03/26 12:40
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3330			2310	ug/kg		69	(20%-130%)		
**2-Fluorobiphenyl	1670			1220	ug/kg		73	(22%-120%)		
**2-Fluorophenol	3330			2510	ug/kg		75	(23%-108%)		
**Nitrobenzene-d5	1670			1210	ug/kg		72	(23%-109%)		
**Phenol-d5	3330			2550	ug/kg		77	(24%-117%)		
**p-Terphenyl-d14	1670			1240	ug/kg		75	(22%-130%)		
QC1206485623 779423003 MS										
1,1'-Biphenyl	2030	U	ND	1500	ug/kg		74	(15%-129%)		06/03/26 15:39
1,2,4,5-Tetrachlorobenzene	2030	U	ND	1500	ug/kg		74	(21%-114%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3004948											
2,3,4,6-Tetrachlorophenol	2030	U	ND		1380	ug/kg		68	(21%-129%)	LL2	06/03/26 15:39
2,4,5-Trichlorophenol	2030	U	ND		2320	ug/kg		114	(23%-127%)		
2,4,6-Trichlorophenol	2030	U	ND		1540	ug/kg		76	(21%-132%)		
2,4-Dichlorophenol	2030	U	ND		1650	ug/kg		81	(19%-124%)		
2,4-Dimethylphenol	2030	U	ND		977	ug/kg		48	(17%-103%)		
2,4-Dinitrophenol	2030	U	ND	J	588	ug/kg		29	(19%-117%)		
2,4-Dinitrotoluene	2030	U	ND		1400	ug/kg		69	(24%-125%)		
2,6-Dinitrotoluene	2030	U	ND		1380	ug/kg		68	(23%-124%)		
2-Chloronaphthalene	2030	U	ND		1680	ug/kg		83	(14%-118%)		
2-Chlorophenol	2030	U	ND		1670	ug/kg		82	(16%-112%)		
2-Methyl-4,6-dinitrophenol	2030	U	ND		795	ug/kg		39	(10%-120%)		
2-Methylnaphthalene	2030	U	ND		1660	ug/kg		82	(15%-112%)		
2-Nitrophenol	2030	U	ND		1150	ug/kg		57	(16%-114%)		
3,3'-Dichlorobenzidine	2030	U	ND		1520	ug/kg		75	(8%-108%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3004948												
4-Bromophenylphenylether	2030	U	ND		1520	ug/kg		75	(20%-122%)	LL2	06/03/26	15:39
4-Chloro-3-methylphenol	2030	U	ND		1640	ug/kg		81	(23%-126%)			
4-Chloroaniline	2030	U	ND		1460	ug/kg		72	(18%-88%)			
4-Chlorophenylphenylether	2030	U	ND		1660	ug/kg		82	(21%-126%)			
4-Nitrophenol	2030	U	ND		1540	ug/kg		76	(12%-137%)			
Acenaphthene	2030	U	ND		1470	ug/kg		72	(16%-115%)			
Acenaphthylene	2030	U	ND		1380	ug/kg		68	(16%-116%)			
Acetophenone	2030	U	ND		1580	ug/kg		78	(20%-117%)			
Anthracene	2030	U	ND		1510	ug/kg		74	(19%-116%)			
Atrazine	2030	U	ND		1330	ug/kg		66	(24%-133%)			
Benzaldehyde	2030	U	ND	J	283	ug/kg		14	(12%-103%)			
Benzo(a)anthracene	2030	U	ND		1460	ug/kg		72	(21%-121%)			
Benzo(a)pyrene	2030	U	ND		1430	ug/kg		71	(20%-120%)			
Benzo(b)fluoranthene	2030	U	ND		1560	ug/kg		77	(20%-126%)			

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3004948												
Benzo(ghi)perylene	2030	U	ND		1540	ug/kg		76	(13%-120%)	LL2	06/03/26	15:39
Benzo(k)fluoranthene	2030	U	ND		1510	ug/kg		74	(20%-133%)			
Butylbenzylphthalate	2030	U	ND		1580	ug/kg		78	(19%-133%)			
Carbazole	2030	U	ND		1520	ug/kg		75	(17%-128%)			
Chrysene	2030	U	ND		1520	ug/kg		75	(22%-124%)			
Di-n-butylphthalate	2030	U	ND		1560	ug/kg		77	(24%-125%)			
Di-n-octylphthalate	2030	U	ND		1580	ug/kg		78	(24%-135%)			
Dibenzo(a,h)anthracene	2030	U	ND		1500	ug/kg		74	(15%-122%)			
Dibenzofuran	2030	U	ND		1560	ug/kg		77	(21%-121%)			
Diethylphthalate	2030	U	ND		1540	ug/kg		76	(26%-125%)			
Dimethylphthalate	2030	U	ND		1500	ug/kg		74	(28%-124%)			
Diphenylamine	2030	U	ND		1490	ug/kg		74	(20%-116%)			
Fluoranthene	2030	U	ND		1550	ug/kg		77	(21%-126%)			
Fluorene	2030	U	ND		1520	ug/kg		75	(16%-123%)			

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3004948											
Hexachlorobenzene	2030	U	ND		1500	ug/kg		74	(23%-128%)	LL2	06/03/26 15:39
Hexachlorobutadiene	2030	U	ND		1500	ug/kg		74	(16%-113%)		
Hexachlorocyclopentadiene	2030	U	ND	U	ND	ug/kg		0*	(10%-78%)		
Hexachloroethane	2030	U	ND		1450	ug/kg		71	(13%-98%)		
Indeno(1,2,3-cd)pyrene	2030	U	ND		1550	ug/kg		77	(14%-125%)		
Isophorone	2030	U	ND		1360	ug/kg		67	(16%-113%)		
N-Nitrosodipropylamine	2030	U	ND		1570	ug/kg		77	(15%-118%)		
Naphthalene	2030	U	ND		1490	ug/kg		74	(14%-112%)		
Nitrobenzene	2030	U	ND		1430	ug/kg		71	(17%-109%)		
Pentachlorophenol	2030	U	ND		1440	ug/kg		71	(11%-126%)		
Phenanthrene	2030	U	ND		1480	ug/kg		73	(19%-121%)		
Phenol	2030	U	ND		1820	ug/kg		90	(17%-116%)		
Pyrene	2030	U	ND		1570	ug/kg		77	(19%-127%)		
bis(2-Chloro-1-methylethyl)ether	2030	U	ND		1570	ug/kg		77	(10%-110%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3004948												
bis(2-Chloroethoxy)methane	2030	U	ND		1590	ug/kg		78	(20%-110%)	LL2	06/03/26	15:39
bis(2-Chloroethyl) ether	2030	U	ND		1640	ug/kg		81	(15%-109%)			
bis(2-Ethylhexyl)phthalate	2030	U	ND		1630	ug/kg		80	(17%-133%)			
m,p-Cresols	2030	U	ND		1800	ug/kg		89	(20%-119%)			
m-Nitroaniline	2030	U	ND		1100	ug/kg		54	(10%-108%)			
o-Cresol	2030	U	ND		1750	ug/kg		86	(16%-120%)			
o-Nitroaniline	2030	U	ND		1410	ug/kg		69	(21%-125%)			
p-Nitroaniline	2030	U	ND		1740	ug/kg		86	(9%-138%)			
**2,4,6-Tribromophenol	4060		2440		2600	ug/kg		64	(20%-130%)			
**2-Fluorobiphenyl	2030		1390		1460	ug/kg		72	(22%-120%)			
**2-Fluorophenol	4060		3090		3130	ug/kg		77	(23%-108%)			
**Nitrobenzene-d5	2030		1370		1380	ug/kg		68	(23%-109%)			
**Phenol-d5	4060		3170		3270	ug/kg		80	(24%-117%)			
**p-Terphenyl-d14	2030		1420		1460	ug/kg		72	(22%-130%)			

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3004948											
QC1206485624 779423003 MSD											
1,1'-Biphenyl	2040	U	ND		1440	ug/kg	4	71	(0%-30%)	LL2	06/03/26 16:03
1,2,4,5-Tetrachlorobenzene	2040	U	ND		1410	ug/kg	6	69	(0%-30%)		
2,3,4,6-Tetrachlorophenol	2040	U	ND		1360	ug/kg	2	67	(0%-30%)		
2,4,5-Trichlorophenol	2040	U	ND		2380	ug/kg	3	117	(0%-30%)		
2,4,6-Trichlorophenol	2040	U	ND		1500	ug/kg	3	74	(0%-30%)		
2,4-Dichlorophenol	2040	U	ND		1590	ug/kg	3	78	(0%-30%)		
2,4-Dimethylphenol	2040	U	ND		941	ug/kg	4	46	(0%-30%)		
2,4-Dinitrophenol	2040	U	ND	J	673	ug/kg	13	33	(0%-30%)		
2,4-Dinitrotoluene	2040	U	ND		1400	ug/kg	0	69	(0%-30%)		
2,6-Dinitrotoluene	2040	U	ND		1380	ug/kg	0	68	(0%-30%)		
2-Chloronaphthalene	2040	U	ND		1480	ug/kg	13	73	(0%-30%)		
2-Chlorophenol	2040	U	ND		1620	ug/kg	3	80	(0%-30%)		
2-Methyl-4,6-dinitrophenol	2040	U	ND		867	ug/kg	9	43	(0%-30%)		
2-Methylnaphthalene	2040	U	ND		1610	ug/kg	3	79	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3004948											
2-Nitrophenol	2040	U	ND		1280	ug/kg	11	63	(0%-30%)	LL2	06/03/26 16:03
3,3'-Dichlorobenzidine	2040	U	ND		1480	ug/kg	3	72	(0%-30%)		
4-Bromophenylphenylether	2040	U	ND		1470	ug/kg	3	72	(0%-30%)		
4-Chloro-3-methylphenol	2040	U	ND		1580	ug/kg	4	78	(0%-30%)		
4-Chloroaniline	2040	U	ND		1430	ug/kg	2	70	(0%-30%)		
4-Chlorophenylphenylether	2040	U	ND		1590	ug/kg	4	78	(0%-30%)		
4-Nitrophenol	2040	U	ND		1510	ug/kg	2	74	(0%-30%)		
Acenaphthene	2040	U	ND		1410	ug/kg	4	69	(0%-30%)		
Acenaphthylene	2040	U	ND		1320	ug/kg	4	65	(0%-30%)		
Acetophenone	2040	U	ND		1540	ug/kg	2	76	(0%-30%)		
Anthracene	2040	U	ND		1450	ug/kg	4	71	(0%-30%)		
Atrazine	2040	U	ND		1230	ug/kg	8	61	(0%-30%)		
Benzaldehyde	2040	U	ND	J	322	ug/kg	13	16	(0%-30%)		
Benzo(a)anthracene	2040	U	ND		1450	ug/kg	0	71	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3004948											
Benzo(a)pyrene	2040	U	ND		1410	ug/kg	2	69	(0%-30%)	LL2	06/03/26 16:03
Benzo(b)fluoranthene	2040	U	ND		1530	ug/kg	2	75	(0%-30%)		
Benzo(ghi)perylene	2040	U	ND		1500	ug/kg	3	74	(0%-30%)		
Benzo(k)fluoranthene	2040	U	ND		1470	ug/kg	3	72	(0%-30%)		
Butylbenzylphthalate	2040	U	ND		1540	ug/kg	3	76	(0%-30%)		
Carbazole	2040	U	ND		1470	ug/kg	3	72	(0%-30%)		
Chrysene	2040	U	ND		1460	ug/kg	4	72	(0%-30%)		
Di-n-butylphthalate	2040	U	ND		1510	ug/kg	3	74	(0%-30%)		
Di-n-octylphthalate	2040	U	ND		1550	ug/kg	2	76	(0%-30%)		
Dibenzo(a,h)anthracene	2040	U	ND		1460	ug/kg	3	72	(0%-30%)		
Dibenzofuran	2040	U	ND		1460	ug/kg	7	72	(0%-30%)		
Diethylphthalate	2040	U	ND		1470	ug/kg	4	72	(0%-30%)		
Dimethylphthalate	2040	U	ND		1460	ug/kg	3	72	(0%-30%)		
Diphenylamine	2040	U	ND		1450	ug/kg	3	71	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3004948											
Fluoranthene	2040	U	ND		1510	ug/kg	3	74	(0%-30%)	LL2	06/03/26 16:03
Fluorene	2040	U	ND		1490	ug/kg	2	73	(0%-30%)		
Hexachlorobenzene	2040	U	ND		1420	ug/kg	5	70	(0%-30%)		
Hexachlorobutadiene	2040	U	ND		1410	ug/kg	6	69	(0%-30%)		
Hexachlorocyclopentadiene	2040	U	ND	U	ND	ug/kg	N/A	0 *	(0%-30%)		
Hexachloroethane	2040	U	ND		1390	ug/kg	4	68	(0%-30%)		
Indeno(1,2,3-cd)pyrene	2040	U	ND		1480	ug/kg	5	73	(0%-30%)		
Isophorone	2040	U	ND		1320	ug/kg	3	65	(0%-30%)		
N-Nitrosodipropylamine	2040	U	ND		1540	ug/kg	2	76	(0%-30%)		
Naphthalene	2040	U	ND		1450	ug/kg	3	71	(0%-30%)		
Nitrobenzene	2040	U	ND		1420	ug/kg	1	70	(0%-30%)		
Pentachlorophenol	2040	U	ND		1370	ug/kg	4	67	(0%-30%)		
Phenanthrene	2040	U	ND		1430	ug/kg	3	70	(0%-30%)		
Phenol	2040	U	ND		1780	ug/kg	2	88	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3004948											
Pyrene	2040	U	ND		1520	ug/kg	3	75	(0%-30%)	LL2	06/03/26 16:03
bis(2-Chloro-1-methylethyl)ether	2040	U	ND		1540	ug/kg	2	76	(0%-30%)		
bis(2-Chloroethoxy)methane	2040	U	ND		1530	ug/kg	4	75	(0%-30%)		
bis(2-Chloroethyl) ether	2040	U	ND		1600	ug/kg	3	78	(0%-30%)		
bis(2-Ethylhexyl)phthalate	2040	U	ND		1590	ug/kg	2	78	(0%-30%)		
m,p-Cresols	2040	U	ND		1770	ug/kg	2	87	(0%-30%)		
m-Nitroaniline	2040	U	ND		1100	ug/kg	0	54	(0%-30%)		
o-Cresol	2040	U	ND		1710	ug/kg	2	84	(0%-30%)		
o-Nitroaniline	2040	U	ND		1430	ug/kg	1	70	(0%-30%)		
p-Nitroaniline	2040	U	ND		1510	ug/kg	14	74	(0%-30%)		
**2,4,6-Tribromophenol	4070		2440		2520	ug/kg		62	(20%-130%)		
**2-Fluorobiphenyl	2040		1390		1390	ug/kg		68	(22%-120%)		
**2-Fluorophenol	4070		3090		3050	ug/kg		75	(23%-108%)		
**Nitrobenzene-d5	2040		1370		1350	ug/kg		66	(23%-109%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3004948										
**Phenol-d5	4070	3170		3200	ug/kg		79	(24%-117%)	LL2	06/03/26 16:03
**p-Terphenyl-d14	2040	1420		1390	ug/kg		68	(22%-130%)		
Batch 3008431										
QC1206492115 LCS										
1,1'-Biphenyl	1670			1170	ug/kg		70	(51%-123%)	NM1	06/10/26 17:23
1,2,4,5-Tetrachlorobenzene	1670			1140	ug/kg		69	(47%-109%)		
2,3,4,6-Tetrachlorophenol	1670			1280	ug/kg		77	(49%-125%)		
2,4,5-Trichlorophenol	1670			1490	ug/kg		90	(55%-123%)		
2,4,6-Trichlorophenol	1670			1330	ug/kg		80	(54%-123%)		
2,4-Dichlorophenol	1670			1310	ug/kg		79	(55%-115%)		
2,4-Dimethylphenol	1670			764	ug/kg		46	(44%-97%)		
2,4-Dinitrophenol	1670			1310	ug/kg		79	(22%-89%)		
2,4-Dinitrotoluene	1670			1300	ug/kg		78	(52%-123%)		
2,6-Dinitrotoluene	1670			1340	ug/kg		80	(54%-117%)		
2-Chloronaphthalene	1670			1440	ug/kg		86	(48%-105%)		
2-Chlorophenol	1670			1300	ug/kg		78	(52%-106%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
2-Methyl-4,6-dinitrophenol	1670			1290	ug/kg		77	(21%-106%)	NM1	06/10/26 17:23
2-Methylnaphthalene	1670			1370	ug/kg		82	(49%-99%)		
2-Nitrophenol	1670			1230	ug/kg		74	(50%-109%)		
3,3'-Dichlorobenzidine	1670			1200	ug/kg		72	(35%-112%)		
4-Bromophenylphenylether	1670			1380	ug/kg		83	(53%-113%)		
4-Chloro-3-methylphenol	1670			1480	ug/kg		89	(56%-118%)		
4-Chloroaniline	1670			1280	ug/kg		77	(36%-85%)		
4-Chlorophenylphenylether	1670			1380	ug/kg		83	(52%-119%)		
4-Nitrophenol	1670			1400	ug/kg		84	(37%-134%)		
Acenaphthene	1670			1250	ug/kg		75	(50%-103%)		
Acenaphthylene	1670			1140	ug/kg		68	(50%-102%)		
Acetophenone	1670			1160	ug/kg		70	(49%-104%)		
Anthracene	1670			1280	ug/kg		77	(54%-106%)		
Atrazine	1670			1060	ug/kg		64	(50%-131%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Benzaldehyde	1670		U	ND	ug/kg		0 *	(21%-89%)	NM1	06/10/26 17:23
Benzo(a)anthracene	1670			1310	ug/kg		78	(55%-114%)		
Benzo(a)pyrene	1670			1230	ug/kg		74	(50%-113%)		
Benzo(b)fluoranthene	1670			1420	ug/kg		85	(53%-114%)		
Benzo(ghi)perylene	1670			1320	ug/kg		79	(42%-125%)		
Benzo(k)fluoranthene	1670			1350	ug/kg		81	(53%-121%)		
Butylbenzylphthalate	1670			1410	ug/kg		85	(49%-124%)		
Carbazole	1670			1310	ug/kg		78	(50%-122%)		
Chrysene	1670			1260	ug/kg		76	(57%-113%)		
Di-n-butylphthalate	1670			1380	ug/kg		83	(54%-122%)		
Di-n-octylphthalate	1670			1370	ug/kg		82	(46%-134%)		
Dibenzo(a,h)anthracene	1670			1290	ug/kg		77	(45%-133%)		
Dibenzofuran	1670			1280	ug/kg		77	(55%-112%)		
Diethylphthalate	1670			1240	ug/kg		75	(56%-120%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Dimethylphthalate	1670			1320	ug/kg		80	(56%-116%)	NM1	06/10/26 17:23
Diphenylamine	1670			1300	ug/kg		78	(52%-112%)		
Fluoranthene	1670			1370	ug/kg		82	(52%-121%)		
Fluorene	1670			1290	ug/kg		77	(52%-113%)		
Hexachlorobenzene	1670			1330	ug/kg		80	(55%-112%)		
Hexachlorobutadiene	1670			1250	ug/kg		75	(46%-108%)		
Hexachlorocyclopentadiene	1670			537	ug/kg		32	(26%-82%)		
Hexachloroethane	1670			1170	ug/kg		70	(42%-94%)		
Indeno(1,2,3-cd)pyrene	1670			1290	ug/kg		78	(47%-133%)		
Isophorone	1670			1140	ug/kg		68	(48%-104%)		
N-Nitrosodipropylamine	1670			1290	ug/kg		78	(43%-109%)		
Naphthalene	1670			1230	ug/kg		74	(49%-98%)		
Nitrobenzene	1670			1240	ug/kg		74	(48%-102%)		
Pentachlorophenol	1670			1490	ug/kg		90	(31%-114%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Phenanthrene	1670			1270	ug/kg		76	(56%-109%)	NM1	06/10/26 17:23
Phenol	1670			1290	ug/kg		77	(47%-108%)		
Pyrene	1670			1340	ug/kg		80	(42%-117%)		
bis(2-Chloro-1-methylethyl)ether	1670			1290	ug/kg		77	(35%-110%)		
bis(2-Chloroethoxy)methane	1670			1320	ug/kg		79	(49%-101%)		
bis(2-Chloroethyl) ether	1670			1280	ug/kg		77	(45%-99%)		
bis(2-Ethylhexyl)phthalate	1670			1370	ug/kg		82	(44%-126%)		
m,p-Cresols	1670			1410	ug/kg		84	(48%-115%)		
m-Nitroaniline	1670			795	ug/kg		48	(39%-111%)		
o-Cresol	1670			1270	ug/kg		76	(50%-109%)		
o-Nitroaniline	1670			1310	ug/kg		78	(47%-122%)		
p-Nitroaniline	1670			1150	ug/kg		69	(35%-146%)		
**2,4,6-Tribromophenol	3330			2660	ug/kg		80	(20%-130%)		
**2-Fluorobiphenyl	1670			1180	ug/kg		71	(22%-120%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
**2-Fluorophenol	3330			2510	ug/kg		75	(23%-108%)	NM1	06/10/26 17:23
**Nitrobenzene-d5	1670			1160	ug/kg		69	(23%-109%)		
**Phenol-d5	3330			2540	ug/kg		76	(24%-117%)		
**p-Terphenyl-d14	1670			1290	ug/kg		78	(22%-130%)		
QC1206492114 MB										
1,1'-Biphenyl			U	ND	ug/kg					06/10/26 17:00
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
2-Chloronaphthalene			U	ND	ug/kg				NM1	06/10/26 17:00
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Anthracene			U	ND	ug/kg				NM1	06/10/26 17:00
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Dibenzofuran			U	ND	ug/kg				NM1	06/10/26 17:00
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Nitrobenzene			U	ND	ug/kg				NM1	06/10/26 17:00
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
**2,4,6-Tribromophenol	3330			2750	ug/kg		83	(20%-130%)	NM1	06/10/26 17:00
**2-Fluorobiphenyl	1670			1230	ug/kg		74	(22%-120%)		
**2-Fluorophenol	3330			2550	ug/kg		77	(23%-108%)		
**Nitrobenzene-d5	1670			1170	ug/kg		70	(23%-109%)		
**Phenol-d5	3330			2600	ug/kg		78	(24%-117%)		
**p-Terphenyl-d14	1670			1400	ug/kg		84	(22%-130%)		
QC1206492116 780459001 MS										
1,1'-Biphenyl	1940	U	ND	1520	ug/kg		78	(15%-129%)		06/10/26 21:39
1,2,4,5-Tetrachlorobenzene	1940	U	ND	1450	ug/kg		75	(21%-114%)		
2,3,4,6-Tetrachlorophenol	1940	U	ND	1290	ug/kg		67	(21%-129%)		
2,4,5-Trichlorophenol	1940	U	ND	2420	ug/kg		124	(23%-127%)		
2,4,6-Trichlorophenol	1940	U	ND	1510	ug/kg		78	(21%-132%)		
2,4-Dichlorophenol	1940	U	ND	1580	ug/kg		81	(19%-124%)		
2,4-Dimethylphenol	1940	U	ND	881	ug/kg		45	(17%-103%)		
2,4-Dinitrophenol	1940	U	ND	1200	ug/kg		62	(19%-117%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
2,4-Dinitrotoluene	1940	U	ND		1650	ug/kg		85	(24%-125%)	NM1	06/10/26 21:39
2,6-Dinitrotoluene	1940	U	ND		1690	ug/kg		87	(23%-124%)		
2-Chloronaphthalene	1940	U	ND		1660	ug/kg		86	(14%-118%)		
2-Chlorophenol	1940	U	ND		1490	ug/kg		77	(16%-112%)		
2-Methyl-4,6-dinitrophenol	1940	U	ND		1340	ug/kg		69	(10%-120%)		
2-Methylnaphthalene	1940	U	ND		1620	ug/kg		83	(15%-112%)		
2-Nitrophenol	1940	U	ND		1490	ug/kg		76	(16%-114%)		
3,3'-Dichlorobenzidine	1940	U	ND		1680	ug/kg		87	(8%-108%)		
4-Bromophenylphenylether	1940	U	ND		1730	ug/kg		89	(20%-122%)		
4-Chloro-3-methylphenol	1940	U	ND		1670	ug/kg		86	(23%-126%)		
4-Chloroaniline	1940	U	ND		1400	ug/kg		72	(18%-88%)		
4-Chlorophenylphenylether	1940	U	ND		1690	ug/kg		87	(21%-126%)		
4-Nitrophenol	1940	U	ND		1890	ug/kg		97	(12%-137%)		
Acenaphthene	1940	U	ND		1520	ug/kg		78	(16%-115%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Acenaphthylene	1940	U	ND		1430	ug/kg		74	(16%-116%)	NM1	06/10/26 21:39
Acetophenone	1940	U	ND		1460	ug/kg		75	(20%-117%)		
Anthracene	1940	U	ND		1590	ug/kg		82	(19%-116%)		
Atrazine	1940	U	ND		1520	ug/kg		78	(24%-133%)		
Benzaldehyde	1940	U	ND		1210	ug/kg		62	(12%-103%)		
Benzo(a)anthracene	1940	U	ND		1550	ug/kg		80	(21%-121%)		
Benzo(a)pyrene	1940	U	ND		1540	ug/kg		79	(20%-120%)		
Benzo(b)fluoranthene	1940	U	ND		1700	ug/kg		87	(20%-126%)		
Benzo(ghi)perylene	1940	U	ND		1600	ug/kg		83	(13%-120%)		
Benzo(k)fluoranthene	1940	U	ND		1590	ug/kg		82	(20%-133%)		
Butylbenzylphthalate	1940	U	ND		1760	ug/kg		91	(19%-133%)		
Carbazole	1940	U	ND		1640	ug/kg		84	(17%-128%)		
Chrysene	1940	U	ND		1580	ug/kg		81	(22%-124%)		
Di-n-butylphthalate	1940	U	ND		1750	ug/kg		90	(24%-125%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Di-n-octylphthalate	1940	U	ND		1780	ug/kg		91	(24%-135%)	NM1	06/10/26 21:39
Dibenzo(a,h)anthracene	1940	U	ND		1580	ug/kg		81	(15%-122%)		
Dibenzofuran	1940	U	ND		1560	ug/kg		80	(21%-121%)		
Diethylphthalate	1940	U	ND		1540	ug/kg		79	(26%-125%)		
Dimethylphthalate	1940	U	ND		1600	ug/kg		82	(28%-124%)		
Diphenylamine	1940	U	ND		1590	ug/kg		82	(20%-116%)		
Fluoranthene	1940	U	ND		1680	ug/kg		87	(21%-126%)		
Fluorene	1940	U	ND		1560	ug/kg		80	(16%-123%)		
Hexachlorobenzene	1940	U	ND		1630	ug/kg		84	(23%-128%)		
Hexachlorobutadiene	1940	U	ND		1370	ug/kg		70	(16%-113%)		
Hexachlorocyclopentadiene	1940	U	ND		427	ug/kg		22	(10%-78%)		
Hexachloroethane	1940	U	ND		1270	ug/kg		66	(13%-98%)		
Indeno(1,2,3-cd)pyrene	1940	U	ND		1620	ug/kg		83	(14%-125%)		
Isophorone	1940	U	ND		1370	ug/kg		70	(16%-113%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
N-Nitrosodipropylamine	1940	U	ND		1560	ug/kg		80	(15%-118%)	NM1	06/10/26 21:39
Naphthalene	1940	U	ND		1410	ug/kg		73	(14%-112%)		
Nitrobenzene	1940	U	ND		1430	ug/kg		74	(17%-109%)		
Pentachlorophenol	1940	U	ND		1140	ug/kg		59	(11%-126%)		
Phenanthrene	1940	U	ND		1590	ug/kg		82	(19%-121%)		
Phenol	1940	U	ND		1540	ug/kg		79	(17%-116%)		
Pyrene	1940	U	ND		1690	ug/kg		87	(19%-127%)		
bis(2-Chloro-1-methylethyl)ether	1940	U	ND		1500	ug/kg		77	(10%-110%)		
bis(2-Chloroethoxy)methane	1940	U	ND		1540	ug/kg		79	(20%-110%)		
bis(2-Chloroethyl) ether	1940	U	ND		1460	ug/kg		75	(15%-109%)		
bis(2-Ethylhexyl)phthalate	1940	U	ND		1700	ug/kg		87	(17%-133%)		
m,p-Cresols	1940	U	ND		1660	ug/kg		86	(20%-119%)		
m-Nitroaniline	1940	U	ND		1640	ug/kg		84	(10%-108%)		
o-Cresol	1940	U	ND		1610	ug/kg		83	(16%-120%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 3008431												
o-Nitroaniline	1940	U	ND		1660	ug/kg			85	(21%-125%)	NM1	06/10/26 21:39
p-Nitroaniline	1940	U	ND		1740	ug/kg			89	(9%-138%)		
**2,4,6-Tribromophenol	3890		3090		3020	ug/kg			78	(20%-130%)		
**2-Fluorobiphenyl	1940		1400		1440	ug/kg			74	(22%-120%)		
**2-Fluorophenol	3890		2790		2910	ug/kg			75	(23%-108%)		
**Nitrobenzene-d5	1940		1330		1380	ug/kg			71	(23%-109%)		
**Phenol-d5	3890		2940		3070	ug/kg			79	(24%-117%)		
**p-Terphenyl-d14	1940		1580		1610	ug/kg			83	(22%-130%)		
QC1206492117 780459001 MSD												
1,1'-Biphenyl	1940	U	ND		1480	ug/kg	3		76	(0%-30%)		06/10/26 22:02
1,2,4,5-Tetrachlorobenzene	1940	U	ND		1400	ug/kg	4		72	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1940	U	ND		1390	ug/kg	7		72	(0%-30%)		
2,4,5-Trichlorophenol	1940	U	ND		3320	ug/kg	32	*	171	* (0%-30%)		
2,4,6-Trichlorophenol	1940	U	ND		1470	ug/kg	3		76	(0%-30%)		
2,4-Dichlorophenol	1940	U	ND		1500	ug/kg	5		77	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
2,4-Dimethylphenol	1940	U	ND		806	ug/kg	9	42	(0%-30%)	NM1	06/10/26 22:02
2,4-Dinitrophenol	1940	U	ND		1030	ug/kg	15	53	(0%-30%)		
2,4-Dinitrotoluene	1940	U	ND		1520	ug/kg	8	78	(0%-30%)		
2,6-Dinitrotoluene	1940	U	ND		1570	ug/kg	7	81	(0%-30%)		
2-Chloronaphthalene	1940	U	ND		1610	ug/kg	3	83	(0%-30%)		
2-Chlorophenol	1940	U	ND		1440	ug/kg	3	74	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1940	U	ND		1200	ug/kg	11	62	(0%-30%)		
2-Methylnaphthalene	1940	U	ND		1570	ug/kg	3	81	(0%-30%)		
2-Nitrophenol	1940	U	ND		1490	ug/kg	0	77	(0%-30%)		
3,3'-Dichlorobenzidine	1940	U	ND		1520	ug/kg	10	78	(0%-30%)		
4-Bromophenylphenylether	1940	U	ND		1540	ug/kg	11	79	(0%-30%)		
4-Chloro-3-methylphenol	1940	U	ND		1570	ug/kg	6	81	(0%-30%)		
4-Chloroaniline	1940	U	ND		1300	ug/kg	7	67	(0%-30%)		
4-Chlorophenylphenylether	1940	U	ND		1630	ug/kg	3	84	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
4-Nitrophenol	1940	U	ND		1730	ug/kg	9	89	(0%-30%)	NM1	06/10/26 22:02
Acenaphthene	1940	U	ND		1440	ug/kg	5	74	(0%-30%)		
Acenaphthylene	1940	U	ND		1330	ug/kg	7	69	(0%-30%)		
Acetophenone	1940	U	ND		1410	ug/kg	4	73	(0%-30%)		
Anthracene	1940	U	ND		1450	ug/kg	9	75	(0%-30%)		
Atrazine	1940	U	ND		1420	ug/kg	6	73	(0%-30%)		
Benzaldehyde	1940	U	ND		1210	ug/kg	0	62	(0%-30%)		
Benzo(a)anthracene	1940	U	ND		1430	ug/kg	8	74	(0%-30%)		
Benzo(a)pyrene	1940	U	ND		1400	ug/kg	10	72	(0%-30%)		
Benzo(b)fluoranthene	1940	U	ND		1550	ug/kg	9	80	(0%-30%)		
Benzo(ghi)perylene	1940	U	ND		1490	ug/kg	8	77	(0%-30%)		
Benzo(k)fluoranthene	1940	U	ND		1490	ug/kg	6	77	(0%-30%)		
Butylbenzylphthalate	1940	U	ND		1620	ug/kg	9	83	(0%-30%)		
Carbazole	1940	U	ND		1440	ug/kg	13	74	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Chrysene	1940	U	ND		1430	ug/kg	10	74	(0%-30%)	NM1	06/10/26 22:02
Di-n-butylphthalate	1940	U	ND		1580	ug/kg	10	82	(0%-30%)		
Di-n-octylphthalate	1940	U	ND		1610	ug/kg	10	83	(0%-30%)		
Dibenzo(a,h)anthracene	1940	U	ND		1470	ug/kg	7	76	(0%-30%)		
Dibenzofuran	1940	U	ND		1490	ug/kg	4	77	(0%-30%)		
Diethylphthalate	1940	U	ND		1440	ug/kg	7	74	(0%-30%)		
Dimethylphthalate	1940	U	ND		1520	ug/kg	5	79	(0%-30%)		
Diphenylamine	1940	U	ND		1450	ug/kg	10	75	(0%-30%)		
Fluoranthene	1940	U	ND		1530	ug/kg	10	79	(0%-30%)		
Fluorene	1940	U	ND		1490	ug/kg	5	77	(0%-30%)		
Hexachlorobenzene	1940	U	ND		1510	ug/kg	8	78	(0%-30%)		
Hexachlorobutadiene	1940	U	ND		1340	ug/kg	2	69	(0%-30%)		
Hexachlorocyclopentadiene	1940	U	ND		399	ug/kg	7	21	(0%-30%)		
Hexachloroethane	1940	U	ND		1190	ug/kg	7	61	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Indeno(1,2,3-cd)pyrene	1940	U	ND		1510	ug/kg	7	78	(0%-30%)	NM1	06/10/26 22:02
Isophorone	1940	U	ND		1330	ug/kg	3	68	(0%-30%)		
N-Nitrosodipropylamine	1940	U	ND		1480	ug/kg	5	76	(0%-30%)		
Naphthalene	1940	U	ND		1370	ug/kg	3	70	(0%-30%)		
Nitrobenzene	1940	U	ND		1390	ug/kg	3	72	(0%-30%)		
Pentachlorophenol	1940	U	ND		1460	ug/kg	24	75	(0%-30%)		
Phenanthrene	1940	U	ND		1410	ug/kg	12	73	(0%-30%)		
Phenol	1940	U	ND		1460	ug/kg	5	75	(0%-30%)		
Pyrene	1940	U	ND		1520	ug/kg	11	78	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1940	U	ND		1420	ug/kg	5	73	(0%-30%)		
bis(2-Chloroethoxy)methane	1940	U	ND		1510	ug/kg	2	78	(0%-30%)		
bis(2-Chloroethyl) ether	1940	U	ND		1400	ug/kg	4	72	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1940	U	ND		1550	ug/kg	9	80	(0%-30%)		
m,p-Cresols	1940	U	ND		1530	ug/kg	8	79	(0%-30%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
m-Nitroaniline	1940	U	ND		1550	ug/kg	5	80	(0%-30%)	NM1	06/10/26 22:02
o-Cresol	1940	U	ND		1460	ug/kg	10	75	(0%-30%)		
o-Nitroaniline	1940	U	ND		1570	ug/kg	6	81	(0%-30%)		
p-Nitroaniline	1940	U	ND		1640	ug/kg	6	84	(0%-30%)		
**2,4,6-Tribromophenol	3880		3090		2840	ug/kg		73	(20%-130%)		
**2-Fluorobiphenyl	1940		1400		1380	ug/kg		71	(22%-120%)		
**2-Fluorophenol	3880		2790		2690	ug/kg		69	(23%-108%)		
**Nitrobenzene-d5	1940		1330		1330	ug/kg		69	(23%-109%)		
**Phenol-d5	3880		2940		2910	ug/kg		75	(24%-117%)		
**p-Terphenyl-d14	1940		1580		1390	ug/kg		71	(22%-130%)		
Spectrometric Analysis											
Batch 3006104											
QC1206487489 777456001 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/kg	N/A			BR2	06/11/26 15:12
QC1206487493 ILCS											
Hexavalent Chromium	6.90				6.81	mg/kg		98.7	(80%-120%)		06/11/26 15:12
QC1206487488 LCS											
Hexavalent Chromium	3.58				3.40	mg/kg		95	(80%-120%)		06/11/26 15:12

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 3006104											
QC1206487487 MB											
Hexavalent Chromium				U	ND	mg/kg				BR2	06/11/26 15:12
QC1206487490 777456001 MS											
Hexavalent Chromium	4.09	U	ND		3.61	mg/kg		87.7	(75%-125%)		06/11/26 15:12
Volatile-GC/MS											
Batch 3009411											
QC1206494034 LCS											
1,1,1-Trichloroethane	50.0				52.6	ug/L		105	(70%-130%)	CO1	06/10/26 08:43
1,1,2,2-Tetrachloroethane	50.0				51.1	ug/L		102	(70%-130%)		
1,1,2-Trichloroethane	50.0				51.3	ug/L		103	(70%-130%)		
1,1-Dichloroethane	50.0				52.3	ug/L		105	(70%-130%)		
1,1-Dichloroethylene	50.0				59.3	ug/L		119	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				54.5	ug/L		109	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				54.6	ug/L		109	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				45.4	ug/L		91	(70%-130%)		
1,2-Dibromoethane	50.0				50.4	ug/L		101	(70%-130%)		
1,2-Dichlorobenzene	50.0				50.4	ug/L		101	(70%-130%)		
1,2-Dichloroethane	50.0				44.7	ug/L		89	(70%-130%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
1,2-Dichloropropane	50.0			51.2	ug/L		102	(70%-130%)	CO1	06/10/26 08:43
1,3-Dichlorobenzene	50.0			50.1	ug/L		100	(70%-130%)		
1,4-Dichlorobenzene	50.0			49.2	ug/L		98	(70%-130%)		
2-Butanone	250			249	ug/L		99	(70%-130%)		
2-Hexanone	250			250	ug/L		100	(70%-130%)		
4-Methyl-2-pentanone	250			266	ug/L		107	(70%-130%)		
Acetone	250			223	ug/L		89	(70%-130%)		
Benzene	50.0			54.0	ug/L		108	(70%-130%)		
Bromochloromethane	50.0			53.9	ug/L		108	(70%-130%)		
Bromodichloromethane	50.0			50.1	ug/L		100	(70%-130%)		
Bromoform	50.0			45.5	ug/L		91	(70%-130%)		
Bromomethane	50.0			50.4	ug/L		101	(70%-130%)		
Carbon disulfide	250			337	ug/L		135*	(70%-130%)		
Carbon tetrachloride	50.0			52.5	ug/L		105	(70%-130%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
Chlorobenzene	50.0			50.1	ug/L		100	(70%-130%)	CO1	06/10/26 08:43
Chloroethane	50.0			62.3	ug/L		125	(70%-130%)		
Chloroform	50.0			49.9	ug/L		100	(70%-130%)		
Chloromethane	50.0			62.7	ug/L		125	(70%-130%)		
Cyclohexane	50.0			57.1	ug/L		114	(70%-130%)		
Dibromochloromethane	50.0			52.9	ug/L		106	(70%-130%)		
Dichlorodifluoromethane	50.0			58.4	ug/L		117	(70%-130%)		
Ethylbenzene	50.0			51.7	ug/L		103	(70%-130%)		
Isopropylbenzene	50.0			57.1	ug/L		114	(70%-130%)		
Methyl acetate	250			247	ug/L		99	(70%-130%)		
Methylcyclohexane	50.0			56.1	ug/L		112	(70%-130%)		
Methylene chloride	50.0			55.5	ug/L		111	(70%-130%)		
Styrene	50.0			55.3	ug/L		111	(70%-130%)		
Tetrachloroethylene	50.0			52.8	ug/L		106	(70%-130%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
Toluene	50.0			52.4	ug/L		105	(70%-130%)	CO1	06/10/26 08:43
Trichloroethylene	50.0			51.4	ug/L		103	(70%-130%)		
Trichlorofluoromethane	50.0			48.4	ug/L		97	(70%-130%)		
Vinyl chloride	50.0			72.9	ug/L		146*	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			54.4	ug/L		109	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			55.5	ug/L		111	(70%-130%)		
m,p-Xylenes	100			104	ug/L		104	(70%-130%)		
o-Xylene	50.0			51.2	ug/L		102	(70%-130%)		
tert-Butyl methyl ether	50.0			51.5	ug/L		103	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			55.8	ug/L		112	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			52.5	ug/L		105	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(71%-131%)		
**Bromofluorobenzene	50.0			50.2	ug/L		100	(77%-123%)		
**Toluene-d8	50.0			50.4	ug/L		101	(77%-121%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
QC1206494035 LCS										
1,4-Dioxane	2500			2270	ug/L		91	(70%-130%)	CO1	06/10/26 09:08
Trichlorotrifluoroethane	250			240	ug/L		96	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(71%-131%)		
**Bromofluorobenzene	50.0			50.5	ug/L		101	(77%-123%)		
**Toluene-d8	50.0			50.2	ug/L		100	(77%-121%)		
QC1206494036 MB										
1,1,1-Trichloroethane			U	ND	ug/L					06/10/26 09:59
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
1,2-Dichlorobenzene			U	ND	ug/L				CO1	06/10/26 09:59
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
Bromomethane			U	ND	ug/L				CO1	06/10/26 09:59
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3009411										
Methylene chloride			U	ND	ug/L				CO1	06/10/26 09:59
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
trans-1,3-Dichloropropylene				U	ND	ug/L				CO1	06/10/26 09:59
**1,2-Dichloroethane-d4	50.0				42.7	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0				47.7	ug/L		95	(77%-123%)		
**Toluene-d8	50.0				49.8	ug/L		100	(77%-121%)		
QC1206494037 779998001 MS											
1,1,1-Trichloroethane	50.0	U	ND		71.0	ug/L		142 *	(60%-123%)		06/10/26 15:39
1,1,2,2-Tetrachloroethane	50.0	U	ND		58.3	ug/L		117	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		57.3	ug/L		115	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		63.7	ug/L		127	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		78.1	ug/L		156 *	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		57.6	ug/L		115	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		58.2	ug/L		116	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		48.2	ug/L		96	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		52.9	ug/L		106	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		51.5	ug/L		103	(58%-123%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
1,2-Dichloroethane	50.0	U	ND		71.8	ug/L		144*	(58%-130%)	CO1	06/10/26 15:39
1,2-Dichloropropane	50.0	U	ND		60.9	ug/L		122	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		49.7	ug/L		99	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		49.2	ug/L		98	(54%-123%)		
2-Butanone	250	U	ND		314	ug/L		126	(59%-136%)		
2-Hexanone	250	U	ND		340	ug/L		136	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		284	ug/L		114	(63%-135%)		
Acetone	250	U	ND		329	ug/L		132	(50%-140%)		
Benzene	50.0	U	ND		59.4	ug/L		119	(64%-119%)		
Bromochloromethane	50.0	U	ND		49.0	ug/L		98	(63%-130%)		
Bromodichloromethane	50.0	U	ND		66.5	ug/L		133*	(65%-125%)		
Bromoform	50.0	U	ND		47.1	ug/L		94	(49%-129%)		
Bromomethane	50.0	U	ND		43.5	ug/L		87	(55%-154%)		
Carbon disulfide	250	U	ND		360	ug/L		144*	(60%-139%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Carbon tetrachloride	50.0	U	ND		70.8	ug/L		142*	(60%-127%)	CO1	06/10/26 15:39
Chlorobenzene	50.0	U	ND		50.0	ug/L		100	(61%-120%)		
Chloroethane	50.0	U	ND		58.8	ug/L		118	(60%-138%)		
Chloroform	50.0	U	ND		65.0	ug/L		130*	(64%-122%)		
Chloromethane	50.0	U	ND		61.5	ug/L		123	(43%-161%)		
Cyclohexane	50.0	U	ND		63.1	ug/L		126*	(51%-125%)		
Dibromochloromethane	50.0	U	ND		57.2	ug/L		114	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		85.9	ug/L		172*	(37%-162%)		
Ethylbenzene	50.0	U	ND		60.7	ug/L		121	(57%-122%)		
Isopropylbenzene	50.0	U	ND		61.4	ug/L		123	(53%-128%)		
Methyl acetate	250	U	ND		304	ug/L		122	(58%-145%)		
Methylcyclohexane	50.0	U	ND		62.2	ug/L		124*	(58%-122%)		
Methylene chloride	50.0	U	ND		53.5	ug/L		107	(61%-135%)		
Styrene	50.0	U	ND		57.5	ug/L		115	(55%-125%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Tetrachloroethylene	50.0	U	ND		47.5	ug/L		95	(53%-124%)	CO1	06/10/26 15:39
Toluene	50.0	U	ND		53.4	ug/L		107	(60%-120%)		
Trichloroethylene	50.0	U	ND		59.0	ug/L		118	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		63.4	ug/L		127	(51%-134%)		
Vinyl chloride	50.0	U	ND		71.9	ug/L		144	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		52.2	ug/L		104	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		69.4	ug/L		139*	(61%-123%)		
m,p-Xylenes	100	U	ND		105	ug/L		105	(58%-122%)		
o-Xylene	50.0	U	ND		61.3	ug/L		123	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		63.7	ug/L		127*	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		67.5	ug/L		135*	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		66.6	ug/L		133*	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		58.2		68.6	ug/L		137*	(71%-131%)		
**Bromofluorobenzene	50.0		55.4		55.4	ug/L		111	(77%-123%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
**Toluene-d8	50.0		54.5		51.7	ug/L		103	(77%-121%)	CO1	06/10/26 15:39
QC1206494039 779998001 MS											
1,4-Dioxane	2500	U	ND		2240	ug/L		90	(50%-136%)		06/10/26 16:30
Trichlorotrifluoroethane	250	U	ND		277	ug/L		111	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		58.2		57.8	ug/L		116	(71%-131%)		
**Bromofluorobenzene	50.0		55.4		57.6	ug/L		115	(77%-123%)		
**Toluene-d8	50.0		54.5		54.2	ug/L		108	(77%-121%)		
QC1206494038 779998001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		64.3	ug/L	10	129*	(0%-20%)		06/10/26 16:05
1,1,2,2-Tetrachloroethane	50.0	U	ND		58.5	ug/L	0	117	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		57.1	ug/L	0	114	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		60.0	ug/L	6	120	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		70.3	ug/L	10	141*	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		57.6	ug/L	0	115	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		57.6	ug/L	1	115	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
1,2-Dibromo-3-chloropropane	50.0	U	ND		47.3	ug/L	2	95	(0%-20%)	CO1	06/10/26 16:05
1,2-Dibromoethane	50.0	U	ND		51.4	ug/L	3	103	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		50.6	ug/L	2	101	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		64.4	ug/L	11	129	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		59.6	ug/L	2	119	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		49.1	ug/L	0	98	(0%-20%)		
2-Butanone	250	U	ND		296	ug/L	6	119	(0%-20%)		
2-Hexanone	250	U	ND		323	ug/L	5	129	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		285	ug/L	0	114	(0%-20%)		
Acetone	250	U	ND		297	ug/L	10	119	(0%-20%)		
Benzene	50.0	U	ND		57.9	ug/L	3	116	(0%-20%)		
Bromochloromethane	50.0	U	ND		48.3	ug/L	1	97	(0%-20%)		
Bromodichloromethane	50.0	U	ND		62.2	ug/L	7	124	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Bromoform	50.0	U	ND		46.2	ug/L	2	92	(0%-20%)	CO1	06/10/26 16:05
Bromomethane	50.0	U	ND		39.1	ug/L	11	78	(0%-20%)		
Carbon disulfide	250	U	ND		346	ug/L	4	138	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		64.2	ug/L	10	128*	(0%-20%)		
Chlorobenzene	50.0	U	ND		49.3	ug/L	1	99	(0%-20%)		
Chloroethane	50.0	U	ND		51.5	ug/L	13	103	(0%-20%)		
Chloroform	50.0	U	ND		60.7	ug/L	7	121	(0%-20%)		
Chloromethane	50.0	U	ND		63.1	ug/L	2	126	(0%-20%)		
Cyclohexane	50.0	U	ND		58.9	ug/L	7	118	(0%-20%)		
Dibromochloromethane	50.0	U	ND		55.6	ug/L	3	111	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		77.4	ug/L	10	155	(0%-20%)		
Ethylbenzene	50.0	U	ND		58.4	ug/L	4	117	(0%-20%)		
Isopropylbenzene	50.0	U	ND		61.6	ug/L	0	123	(0%-20%)		
Methyl acetate	250	U	ND		286	ug/L	6	114	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
Methylcyclohexane	50.0	U	ND		59.1	ug/L	5	118	(0%-20%)	CO1	06/10/26 16:05
Methylene chloride	50.0	U	ND		53.3	ug/L	0	107	(0%-20%)		
Styrene	50.0	U	ND		56.2	ug/L	2	112	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		45.7	ug/L	4	91	(0%-20%)		
Toluene	50.0	U	ND		53.2	ug/L	0	106	(0%-20%)		
Trichloroethylene	50.0	U	ND		56.0	ug/L	5	112	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		54.4	ug/L	15	109	(0%-20%)		
Vinyl chloride	50.0	U	ND		71.5	ug/L	0	143	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		51.2	ug/L	2	102	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		67.3	ug/L	3	135*	(0%-20%)		
m,p-Xylenes	100	U	ND		102	ug/L	3	102	(0%-20%)		
o-Xylene	50.0	U	ND		59.1	ug/L	4	118	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		60.2	ug/L	6	120	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		63.2	ug/L	6	126	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3009411											
trans-1,3-Dichloropropylene	50.0	U	ND		63.5	ug/L	5	127	(0%-20%)	CO1	06/10/26 16:05
**1,2-Dichloroethane-d4	50.0		58.2		62.1	ug/L		124	(71%-131%)		
**Bromofluorobenzene	50.0		55.4		55.2	ug/L		110	(77%-123%)		
**Toluene-d8	50.0		54.5		51.5	ug/L		103	(77%-121%)		
QC1206494040 779998001 MSD											
1,4-Dioxane	2500	U	ND		2160	ug/L	4	87	(0%-20%)		06/10/26 16:55
Trichlorotrifluoroethane	250	U	ND		256	ug/L	8	103	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		58.2		55.4	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0		55.4		56.3	ug/L		113	(77%-123%)		
**Toluene-d8	50.0		54.5		53.6	ug/L		107	(77%-121%)		
Batch 3010460											
QC1206495889 LCS											
1,1,1-Trichloroethane	50.0				45.1	ug/kg		90	(72%-126%)	PXY1	06/11/26 10:00
1,1,2,2-Tetrachloroethane	50.0				50.2	ug/kg		100	(69%-120%)		
1,1,2-Trichloroethane	50.0				49.8	ug/kg		100	(74%-120%)		
1,1-Dichloroethane	50.0				49.6	ug/kg		99	(72%-126%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3010460										
1,1-Dichloroethylene	50.0			53.6	ug/kg		107	(71%-136%)	PXY1	06/11/26 10:00
1,2,3-Trichlorobenzene	50.0			51.2	ug/kg		102	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			54.0	ug/kg		108	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			50.5	ug/kg		101	(60%-135%)		
1,2-Dibromoethane	50.0			50.3	ug/kg		101	(79%-120%)		
1,2-Dichlorobenzene	50.0			46.1	ug/kg		92	(73%-120%)		
1,2-Dichloroethane	50.0			38.7	ug/kg		77	(66%-123%)		
1,2-Dichloropropane	50.0			52.3	ug/kg		105	(72%-120%)		
1,3-Dichlorobenzene	50.0			48.3	ug/kg		97	(72%-120%)		
1,4-Dichlorobenzene	50.0			47.4	ug/kg		95	(72%-120%)		
2-Butanone	250			229	ug/kg		91	(66%-125%)		
2-Hexanone	250			219	ug/kg		88	(64%-131%)		
4-Methyl-2-pentanone	250			231	ug/kg		92	(70%-126%)		
Acetone	250			198	ug/kg		79	(60%-124%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3010460										
Benzene	50.0			54.8	ug/kg		110	(73%-120%)	PXY1	06/11/26 10:00
Bromochloromethane	50.0			51.8	ug/kg		104	(73%-123%)		
Bromodichloromethane	50.0			45.5	ug/kg		91	(74%-124%)		
Bromoform	50.0			52.2	ug/kg		104	(64%-126%)		
Bromomethane	50.0			50.0	ug/kg		100	(67%-138%)		
Carbon disulfide	250			280	ug/kg		112	(69%-136%)		
Carbon tetrachloride	50.0			44.6	ug/kg		89	(72%-132%)		
Chlorobenzene	50.0			49.9	ug/kg		100	(74%-120%)		
Chloroethane	50.0			63.8	ug/kg		128	(69%-133%)		
Chloroform	50.0			45.2	ug/kg		90	(72%-122%)		
Chloromethane	50.0			48.5	ug/kg		97	(53%-142%)		
Cyclohexane	50.0			61.5	ug/kg		123	(63%-130%)		
Dibromochloromethane	50.0			50.7	ug/kg		101	(73%-125%)		
Dichlorodifluoromethane	50.0			47.3	ug/kg		95	(57%-150%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3010460										
Ethylbenzene	50.0			47.9	ug/kg		96	(72%-120%)	PXY1	06/11/26 10:00
Isopropylbenzene	50.0			51.7	ug/kg		103	(74%-129%)		
Methyl acetate	250			251	ug/kg		100	(66%-131%)		
Methylcyclohexane	50.0			56.5	ug/kg		113	(71%-127%)		
Methylene chloride	50.0			53.1	ug/kg		106	(71%-124%)		
Styrene	50.0			49.9	ug/kg		100	(70%-123%)		
Tetrachloroethylene	50.0			48.8	ug/kg		98	(68%-126%)		
Toluene	50.0			50.9	ug/kg		102	(73%-120%)		
Trichloroethylene	50.0			49.0	ug/kg		98	(74%-122%)		
Trichlorofluoromethane	50.0			45.6	ug/kg		91	(66%-137%)		
Vinyl chloride	50.0			47.5	ug/kg		95	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			53.7	ug/kg		107	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			50.4	ug/kg		101	(74%-123%)		
m,p-Xylenes	100			100	ug/kg		100	(72%-121%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3010460											
o-Xylene	50.0			50.0	ug/kg		100	(73%-120%)	PXY1	06/11/26	10:00
tert-Butyl methyl ether	50.0			48.2	ug/kg		96	(63%-128%)			
trans-1,2-Dichloroethylene	50.0			51.8	ug/kg		104	(72%-126%)			
trans-1,3-Dichloropropylene	50.0			48.5	ug/kg		97	(74%-125%)			
**1,2-Dichloroethane-d4	50.0			43.4	ug/L		87	(75%-131%)			
**Bromofluorobenzene	50.0			48.2	ug/L		96	(67%-136%)			
**Toluene-d8	50.0			50.0	ug/L		100	(79%-122%)			
QC1206495890 LCS											
1,4-Dioxane	2500			2090	ug/kg		84	(57%-134%)		06/11/26	10:51
Trichlorotrifluoroethane	250			203	ug/kg		81	(59%-136%)			
**1,2-Dichloroethane-d4	50.0			45.0	ug/L		90	(75%-131%)			
**Bromofluorobenzene	50.0			49.1	ug/L		98	(67%-136%)			
**Toluene-d8	50.0			51.0	ug/L		102	(79%-122%)			
QC1206495891 MB											
1,1,1-Trichloroethane			U	ND	ug/kg					06/11/26	12:08
1,1,2,2-Tetrachloroethane			U	ND	ug/kg						

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3010460										
1,1,2-Trichloroethane			U	ND	ug/kg				PXY1	06/11/26 12:08
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3010460										
2-Hexanone			U	ND	ug/kg				PXY1	06/11/26 12:08
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3010460										
Cyclohexane			U	ND	ug/kg				PXY1	06/11/26 12:08
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3010460										
Vinyl chloride			U	ND	ug/kg				PXY1	06/11/26 12:08
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			47.3	ug/L		95	(75%-131%)		
**Bromofluorobenzene	50.0			49.4	ug/L		99	(67%-136%)		
**Toluene-d8	50.0			49.3	ug/L		99	(79%-122%)		
QC1206495893 779180001 MS										
1,1,1-Trichloroethane	50000	U	ND	42900	ug/kg		86	(41%-133%)		06/11/26 17:19
1,1,2,2-Tetrachloroethane	50000	U	ND	57300	ug/kg		115	(37%-136%)		
1,1,2-Trichloroethane	50000	U	ND	49100	ug/kg		98	(44%-128%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3010460											
1,1-Dichloroethane	50000	U	ND		47200	ug/kg		94	(44%-135%)	PXY1	06/11/26 17:19
1,1-Dichloroethylene	50000	U	ND		49600	ug/kg		99	(40%-147%)		
1,2,3-Trichlorobenzene	50000	U	ND		53100	ug/kg		106	(30%-133%)		
1,2,4-Trichlorobenzene	50000	U	ND		53400	ug/kg		107	(29%-139%)		
1,2-Dibromo-3-chloropropane	50000	U	ND		47700	ug/kg		95	(30%-142%)		
1,2-Dibromoethane	50000	U	ND		49800	ug/kg		100	(45%-133%)		
1,2-Dichlorobenzene	50000	U	ND		48300	ug/kg		97	(24%-133%)		
1,2-Dichloroethane	50000	U	ND		38700	ug/kg		77	(43%-129%)		
1,2-Dichloropropane	50000	U	ND		50800	ug/kg		102	(44%-128%)		
1,3-Dichlorobenzene	50000	U	ND		48900	ug/kg		98	(24%-132%)		
1,4-Dichlorobenzene	50000	U	ND		49200	ug/kg		98	(24%-132%)		
2-Butanone	250000	U	ND		227000	ug/kg		91	(43%-134%)		
2-Hexanone	250000	U	ND		228000	ug/kg		91	(34%-142%)		
4-Methyl-2-pentanone	250000	U	ND		233000	ug/kg		93	(44%-137%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3010460											
Acetone	250000	U	ND		199000	ug/kg		80	(37%-134%)	PXY1	06/11/26 17:19
Benzene	50000	U	ND		51100	ug/kg		102	(43%-127%)		
Bromochloromethane	50000	U	ND		51300	ug/kg		103	(45%-132%)		
Bromodichloromethane	50000	U	ND		45600	ug/kg		91	(44%-130%)		
Bromoform	50000	U	ND		55700	ug/kg		111	(34%-131%)		
Bromomethane	50000	U	ND		25100	ug/kg		50	(15%-150%)		
Carbon disulfide	250000	U	ND		266000	ug/kg		107	(39%-145%)		
Carbon tetrachloride	50000	U	ND		42200	ug/kg		84	(40%-137%)		
Chlorobenzene	50000	U	ND		48200	ug/kg		96	(35%-128%)		
Chloroethane	50000	U	ND		57400	ug/kg		115	(35%-142%)		
Chloroform	50000	U	ND		44500	ug/kg		89	(44%-129%)		
Chloromethane	50000	U	ND		53400	ug/kg		107	(32%-150%)		
Cyclohexane	50000	U	ND		55300	ug/kg		111	(30%-136%)		
Dibromochloromethane	50000	U	ND		49500	ug/kg		99	(42%-130%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3010460											
Dichlorodifluoromethane	50000	U	ND		46400	ug/kg		93	(31%-159%)	PXY1	06/11/26 17:19
Ethylbenzene	50000	U	ND		46600	ug/kg		93	(33%-131%)		
Isopropylbenzene	50000	U	ND		54300	ug/kg		109	(27%-147%)		
Methyl acetate	250000	U	ND		253000	ug/kg		101	(42%-154%)		
Methylcyclohexane	50000	U	ND		53100	ug/kg		106	(27%-137%)		
Methylene chloride	50000	U	ND		54000	ug/kg		108	(43%-136%)		
Styrene	50000	U	ND		50700	ug/kg		101	(29%-133%)		
Tetrachloroethylene	50000		7630		51900	ug/kg		88	(31%-134%)		
Toluene	50000	U	ND		47300	ug/kg		95	(35%-132%)		
Trichloroethylene	50000	U	ND		46200	ug/kg		92	(39%-133%)		
Trichlorofluoromethane	50000	U	ND		43700	ug/kg		87	(39%-140%)		
Vinyl chloride	50000	U	ND		51900	ug/kg		104	(32%-146%)		
cis-1,2-Dichloroethylene	50000	U	ND		51900	ug/kg		104	(43%-131%)		
cis-1,3-Dichloropropylene	50000	U	ND		49800	ug/kg		100	(38%-131%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3010460											
m,p-Xylenes	100000	U	ND		95300	ug/kg		95	(32%-131%)	PXY1	06/11/26 17:19
o-Xylene	50000	J	390		49200	ug/kg		98	(33%-131%)		
tert-Butyl methyl ether	50000	U	ND		50100	ug/kg		100	(46%-128%)		
trans-1,2-Dichloroethylene	50000	U	ND		49200	ug/kg		98	(41%-135%)		
trans-1,3-Dichloropropylene	50000	U	ND		47900	ug/kg		96	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		44.5		43.8	ug/L		88	(75%-131%)		
**Bromofluorobenzene	50.0		44.2		53.2	ug/L		106	(67%-136%)		
**Toluene-d8	50.0		54.8		50.5	ug/L		101	(79%-122%)		
QC1206495895 779180001 MS											
1,4-Dioxane	2500000	U	ND		2450000	ug/kg		98	(40%-142%)		06/11/26 18:10
Trichlorotrifluoroethane	250000	U	ND		177000	ug/kg		71	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		44.5		42.1	ug/L		84	(75%-131%)		
**Bromofluorobenzene	50.0		44.2		47.9	ug/L		96	(67%-136%)		
**Toluene-d8	50.0		54.8		54.2	ug/L		108	(79%-122%)		
QC1206495894 779180001 MSD											
1,1,1-Trichloroethane	50000	U	ND		41000	ug/kg	5	82	(0%-20%)		06/11/26 17:45

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3010460											
1,1,2,2-Tetrachloroethane	50000	U	ND		49200	ug/kg	15	98	(0%-20%)	PXY1	06/11/26 17:45
1,1,2-Trichloroethane	50000	U	ND		55600	ug/kg	12	111	(0%-20%)		
1,1-Dichloroethane	50000	U	ND		47200	ug/kg	0	94	(0%-20%)		
1,1-Dichloroethylene	50000	U	ND		46700	ug/kg	6	93	(0%-20%)		
1,2,3-Trichlorobenzene	50000	U	ND		55900	ug/kg	5	112	(0%-20%)		
1,2,4-Trichlorobenzene	50000	U	ND		55200	ug/kg	3	110	(0%-20%)		
1,2-Dibromo-3-chloropropane	50000	U	ND		45300	ug/kg	5	91	(0%-20%)		
1,2-Dibromoethane	50000	U	ND		55000	ug/kg	10	110	(0%-20%)		
1,2-Dichlorobenzene	50000	U	ND		48300	ug/kg	0	97	(0%-20%)		
1,2-Dichloroethane	50000	U	ND		39000	ug/kg	1	78	(0%-20%)		
1,2-Dichloropropane	50000	U	ND		50600	ug/kg	0	101	(0%-20%)		
1,3-Dichlorobenzene	50000	U	ND		51400	ug/kg	5	103	(0%-20%)		
1,4-Dichlorobenzene	50000	U	ND		49500	ug/kg	1	99	(0%-20%)		
2-Butanone	250000	U	ND		224000	ug/kg	2	89	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS												
Batch 3010460												
2-Hexanone	250000	U	ND		246000	ug/kg	7		98	(0%-20%)	PXY1	06/11/26 17:45
4-Methyl-2-pentanone	250000	U	ND		252000	ug/kg	8		101	(0%-20%)		
Acetone	250000	U	ND		192000	ug/kg	4		77	(0%-20%)		
Benzene	50000	U	ND		52200	ug/kg	2		104	(0%-20%)		
Bromochloromethane	50000	U	ND		51100	ug/kg	0		102	(0%-20%)		
Bromodichloromethane	50000	U	ND		46200	ug/kg	1		92	(0%-20%)		
Bromoform	50000	U	ND		53900	ug/kg	3		108	(0%-20%)		
Bromomethane	50000	U	ND		13600	ug/kg	59	*	27	(0%-20%)		
Carbon disulfide	250000	U	ND		257000	ug/kg	4		103	(0%-20%)		
Carbon tetrachloride	50000	U	ND		40800	ug/kg	3		82	(0%-20%)		
Chlorobenzene	50000	U	ND		47800	ug/kg	1		96	(0%-20%)		
Chloroethane	50000	U	ND		48300	ug/kg	17		97	(0%-20%)		
Chloroform	50000	U	ND		44100	ug/kg	1		88	(0%-20%)		
Chloromethane	50000	U	ND		49200	ug/kg	8		98	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3010460											
Cyclohexane	50000	U	ND		53800	ug/kg	3	108	(0%-20%)	PXY1	06/11/26 17:45
Dibromochloromethane	50000	U	ND		55200	ug/kg	11	110	(0%-20%)		
Dichlorodifluoromethane	50000	U	ND		39700	ug/kg	16	79	(0%-20%)		
Ethylbenzene	50000	U	ND		45500	ug/kg	2	91	(0%-20%)		
Isopropylbenzene	50000	U	ND		46800	ug/kg	15	94	(0%-20%)		
Methyl acetate	250000	U	ND		254000	ug/kg	0	102	(0%-20%)		
Methylcyclohexane	50000	U	ND		51600	ug/kg	3	103	(0%-20%)		
Methylene chloride	50000	U	ND		51500	ug/kg	5	103	(0%-20%)		
Styrene	50000	U	ND		49900	ug/kg	2	100	(0%-20%)		
Tetrachloroethylene	50000		7630		56100	ug/kg	8	97	(0%-20%)		
Toluene	50000	U	ND		52900	ug/kg	11	106	(0%-20%)		
Trichloroethylene	50000	U	ND		46100	ug/kg	0	92	(0%-20%)		
Trichlorofluoromethane	50000	U	ND		37200	ug/kg	16	74	(0%-20%)		
Vinyl chloride	50000	U	ND		45300	ug/kg	14	91	(0%-20%)		

QC Summary

Workorder: **779423**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3010460											
cis-1,2-Dichloroethylene	50000	U	ND		51900	ug/kg	0	104	(0%-20%)	PXY1	06/11/26 17:45
cis-1,3-Dichloropropylene	50000	U	ND		50800	ug/kg	2	102	(0%-20%)		
m,p-Xylenes	100000	U	ND		95500	ug/kg	0	95	(0%-20%)		
o-Xylene	50000	J	390		48900	ug/kg	1	97	(0%-20%)		
tert-Butyl methyl ether	50000	U	ND		49200	ug/kg	2	98	(0%-20%)		
trans-1,2-Dichloroethylene	50000	U	ND		47900	ug/kg	3	96	(0%-20%)		
trans-1,3-Dichloropropylene	50000	U	ND		52300	ug/kg	9	105	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		44.5		43.4	ug/L		87	(75%-131%)		
**Bromofluorobenzene	50.0		44.2		45.6	ug/L		91	(67%-136%)		
**Toluene-d8	50.0		54.8		54.2	ug/L		108	(79%-122%)		
QC1206495896 779180001 MSD											
1,4-Dioxane	2500000	U	ND		2340000	ug/kg	4	94	(0%-20%)		06/11/26 18:36
Trichlorotrifluoroethane	250000	U	ND		173000	ug/kg	2	69	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		44.5		43.7	ug/L		87	(75%-131%)		
**Bromofluorobenzene	50.0		44.2		48.3	ug/L		97	(67%-136%)		

QC Summary

Workorder: **779423**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3010460											
**Toluene-d8	50.0	54.8		54.8	ug/L		110	(79%-122%)	PXY1	06/11/26	18:36

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

J J Value is estimated

NJ NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # EVDE00226
GEL Quote #: _____
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 779423
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering — Phone #
Project/Site Name: Liberty Steel VCC — Fax #
Address: Georgetown, SC
Collected By: Client (CBPB) — Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TAL Metals, TCL SVOCs	<-- Preservative Type (6)	Comments
LS-TB-052826	05-28-26	1600	TB	N	DI			3	3			Note: extra sample is required for sample specific QC
LS-SB-30-3.0	"	1700	G	N	SO			1		1		
LS-SB-30-6.0	"	1730	G	N	SO			5	4	1		
LS-SB-33-4.0	05-29-29	0745	G	N	SO			1		1		
LS-SB-33-4.0-DP	"	0747	DUP	N	SO			1		1		
LS-SB-33-7.0	"	0755	G	N	SO			5	4	1		
LS-SB-33-7.0-DP	"	0757	DUP	N	SO			5	4	1		

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	5-29-26	1630	1 Jeanette Raff	5-29-26	1630
2				2		
3				3		

TAT Requested: Normal: ✓ Rush: ____ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] Level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No ***Cooler Temp:*** 5 °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone : [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic, **Ba** = Barium, **Cd** = Cadmium, **Cr** = Chromium, **Pb** = Lead, **Hg**= Mercury, **Se**= Selenium, **Ag**= Silver, **MR**= Misc. RCRA metals

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE | SDG/AR/COC/Work Order: 779423 | GEL PM: JR

Received By: MT | Date Received at GEL: 5-29-26

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun #IR4-25 Daily Calibration Performed (Y)N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
—	5				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr. Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?			✓	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No ✓ NA___ Sample IDs and containers affected: IDs: LS-TB-052826 not free of headspace.
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 6/1/26

Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 12 June 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 779423

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 3009411

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423001	LS-TB-052826
1206494034	Laboratory Control Sample (LCS) **Batch 3009411**
1206494035	Laboratory Control Sample (LCS)
1206494036	Method Blank (MB)
1206494037	779998001(NonSDG) Matrix Spike (MS)
1206494038	779998001(NonSDG) Matrix Spike Duplicate (MSD)
1206494039	779998001(NonSDG) Matrix Spike (MS)
1206494040	779998001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Surrogate Recoveries
Surrogate recoveries in sample (See Below) was outside the acceptance limits. The recoveries were similar. It is believed possible matrix interference has been demonstrated

Sample	Analyte	Value
1206494037 (Non SDG 779998001MS)	1, 2-Dichloroethane-d4	137* (71%-131%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value

1206494034 (LCS)	Carbon disulfide	135* (70%-130%)
	Vinyl chloride	146* (70%-130%)

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The recoveries were similar. It is believed possible matrix interference has been demonstrated.

Sample	Analyte	Value
1206494037 (Non SDG 779998001MS)	1, 1, 1-Trichloroethane	142* (60%-123%)
	1, 1-Dichloroethylene	156* (59%-138%)
	Carbon tetrachloride	142* (60%-127%)
	cis-1, 3-Dichloropropylene	139* (61%-123%)
1206494038 (Non SDG 779998001MSD)	1, 1, 1-Trichloroethane	129* (60%-123%)
	1, 1-Dichloroethylene	141* (59%-138%)
	Carbon tetrachloride	128* (60%-127%)
	cis-1, 3-Dichloropropylene	135* (61%-123%)

The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206494037 (Non SDG 779998001MS)	1, 2-Dichloroethane	144* (58%-130%)
	Bromodichloromethane	133* (65%-125%)
	Carbon disulfide	144* (60%-139%)
	Chloroform	130* (64%-122%)
	Cyclohexane	126* (51%-125%)
	Dichlorodifluoromethane	172* (37%-162%)
	Methylcyclohexane	124* (58%-122%)
	tert-Butyl methyl ether	127* (60%-124%)
	trans-1, 2-Dichloroethylene	135* (64%-127%)
	trans-1, 3-Dichloropropylene	133* (62%-127%)

Internal Standard (ISTD) Acceptance
In sample 779423001 (LS-TB-052826), internal standard responses were outside the required acceptance criteria. Sample re-analysis confirmed matrix interference. The re-analysis results are reported.

Technical Information

Sample Re-extraction/Re-analysis
Sample 779423001 (LS-TB-052826) was re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and was reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 3010460

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 3010459

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423003	LS-SB-30-6.0
779423006	LS-SB-33-7.0
779423007	LS-SB-33-7.0-DP
1206495889	Laboratory Control Sample (LCS) **Batch 3010460**
1206495890	Laboratory Control Sample (LCS)
1206495891	Method Blank (MB)
1206495893	779180001(NonSDG) Matrix Spike (MS)
1206495894	779180001(NonSDG) Matrix Spike Duplicate (MSD)
1206495895	779180001(NonSDG) Matrix Spike (MS)
1206495896	779180001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206495893MS and 1206495894MSD (Non SDG 779180001)	Bromomethane	RPD 59* (0%-20%)

Technical Information

Sample Dilutions/Methanol Dilutions
Samples 1206495893 (Non SDG 779180001MS), 1206495894 (Non SDG 779180001MSD), 1206495895 (Non SDG 779180001MS) and 1206495896 (Non SDG 779180001MSD) were analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3546/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 3004948

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 3004947

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423002	LS-SB-30-3.0
779423003	LS-SB-30-6.0
779423004	LS-SB-33-4.0
779423006	LS-SB-33-7.0
779423007	LS-SB-33-7.0-DP
1206485619	Method Blank (MB) **Batch 3004948**
1206485620	Laboratory Control Sample (LCS)
1206485623	779423003(LS-SB-30-6.0) Matrix Spike (MS)
1206485624	779423003(LS-SB-30-6.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206485620 (LCS)	Benzaldehyde	0* (21%-89%)

Spike Recovery Statement
The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The MS and MSD were fortified with all target compounds and some of these are subject to loss during the extraction process as noted in the method. Other compounds are prone to degradation and low recovery due to chemical interactions with other compounds in the spike standards. The data were reported.

Sample	Analyte	Value
1206485623 (LS-SB-30-6.0MS)	Hexachlorocyclopentadiene	0* (10%-78%)

1206485624 (LS-SB-30-6.0MSD)	Hexachlorocyclopentadiene	0* (10%-78%)

Technical Information

Sample Re-extraction/Re-analysis
Sample 779423005 (LS-SB-33-4.0-DP) was re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3546/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 3008431

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 3008430

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423005	LS-SB-33-4.0-DP
1206492114	Method Blank (MB) **Batch 3008431**
1206492115	Laboratory Control Sample (LCS)
1206492116	780459001(NonSDG) Matrix Spike (MS)
1206492117	780459001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery

The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206492115 (LCS)	Benzaldehyde	0* (21%-89%)

Spike Recovery Statement

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206492117 (Non SDG 780459001MSD)	2, 4, 5-Trichlorophenol	171* (23%-127%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent differences (RPD) for the MS and MSD, (See Below), were not within the acceptance limits. The failures were attributed to matrix interference. The data were reported.

Sample	Analyte	Value
1206492116MS and 1206492117MSD (Non SDG 780459001)	2, 4, 5-Trichlorophenol	RPD 32* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 3003719

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 3003718

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423002	LS-SB-30-3.0
779423003	LS-SB-30-6.0
779423004	LS-SB-33-4.0
779423005	LS-SB-33-4.0-DP
779423006	LS-SB-33-7.0
779423007	LS-SB-33-7.0-DP

1206482984	Method Blank (MB)**ICP Batch 3003719**
1206482985	Laboratory Control Sample (LCS)
1206482989	779423002(LS-SB-30-3.0L) Serial Dilution (SD)
1206482986	779423002(LS-SB-30-3.0S) Matrix Spike (MS)
1206482987	779423002(LS-SB-30-3.0SD) Matrix Spike Duplicate (MSD)
1206482988	779423002(LS-SB-30-3.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206482986 (LS-SB-30-3.0MS)	Calcium	68.9* (75%-125%)
1206482987 (LS-SB-30-3.0MSD)	Calcium	69* (75%-125%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 3006032

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 43
Preparation Batch: 3006012

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423002	LS-SB-30-3.0
779423003	LS-SB-30-6.0
779423004	LS-SB-33-4.0
779423005	LS-SB-33-4.0-DP
779423006	LS-SB-33-7.0

779423007	LS-SB-33-7.0-DP
1206487375	Method Blank (MB)**CVAA Batch 3006032**
1206487376	Laboratory Control Sample (LCS)
1206487386	779413001(NonSDGD) Sample Duplicate (DUP)
1206487387	779413001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 3006104

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 3006103

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423002	LS-SB-30-3.0
779423003	LS-SB-30-6.0
779423004	LS-SB-33-4.0
779423005	LS-SB-33-4.0-DP
779423006	LS-SB-33-7.0
779423007	LS-SB-33-7.0-DP
1206487487	Method Blank (MB) **Batch 3006104**
1206487488	Laboratory Control Sample (LCS)
1206487489	777456001(NonSDG) Sample Duplicate (DUP)
1206487490	777456001(NonSDG) Matrix Spike (MS)
1206487493	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)

Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 3003840

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779423002	LS-SB-30-3.0
779423003	LS-SB-30-6.0
779423004	LS-SB-33-4.0
779423005	LS-SB-33-4.0-DP
779423006	LS-SB-33-7.0
779423007	LS-SB-33-7.0-DP
1206483328	779421001(NonSDG) Sample Duplicate (DUP) **Batch 3003840**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

June 17, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 779753

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on June 03, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 779753 GEL Work Order: 779753

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E Concentration of the target analyte exceeds the instrument calibration range

J Value is estimated

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TB-060226	Project:	RVDE00226C
Sample ID:	779753001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	02-JUN-26 08:00		
Receive Date:	03-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	06/16/26	1328	3012932	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-060226 Project: RVDE00226C
Sample ID: 779753001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	49.4 ug/L	50.0	99	(71%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	46.9 ug/L	50.0	94	(77%-123%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-26-3.5
Sample ID: 779753002
Matrix: Soil
Collect Date: 02-JUN-26 09:00
Receive Date: 03-JUN-26
Collector: Client
Moisture: 14.6%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		42.3	8.78	26.2	ug/kg	112	1	JP2	06/09/26	1037	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony		7050	377	2290	ug/kg	97.7	1	EM2	06/15/26	1442	3005499	2
Arsenic		7180	572	3430	ug/kg	97.7	1					
Barium		79300	114	572	ug/kg	97.7	1					
Beryllium	J	214	114	572	ug/kg	97.7	1					
Cadmium	U	ND	114	572	ug/kg	97.7	1					
Chromium		40000	172	1140	ug/kg	97.7	1					
Cobalt		4260	172	572	ug/kg	97.7	1					
Copper		140000	343	2290	ug/kg	97.7	1					
Iron		29600000	9150	28600	ug/kg	97.7	1					
Lead		137000	377	2290	ug/kg	97.7	1					
Magnesium		2740000	9720	34300	ug/kg	97.7	1					
Manganese		551000	229	1140	ug/kg	97.7	1					
Nickel		14700	172	572	ug/kg	97.7	1					
Potassium		717000	7320	28600	ug/kg	97.7	1					
Selenium		3540	572	3430	ug/kg	97.7	1					
Sodium		163000	8010	28600	ug/kg	97.7	1					
Thallium	U	ND	572	2290	ug/kg	97.7	1					
Vanadium		43900	114	572	ug/kg	97.7	1					
Aluminum		6470000	38900	114000	ug/kg	97.7	5	EM2	06/09/26	1341	3005499	3
Calcium		55500000	45800	143000	ug/kg	97.7	5					
Silver	U	ND	572	2860	ug/kg	97.7	5					
Zinc		102000	2290	11400	ug/kg	97.7	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	116	388	ug/kg	0.0331	1	BM1	06/10/26	1854	3008433	4
1,2,4,5-Tetrachlorobenzene	U	ND	116	388	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	116	388	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	116	388	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	116	388	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	116	388	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	116	388	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	116	776	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-26-3.5 Project: RVDE00226C
Sample ID: 779753002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	116	388	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	116	388	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.6	38.8	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	116	388	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	116	388	ug/kg	0.0331	1					
2-Methylnaphthalene		81.9	11.6	38.8	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	116	388	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	116	388	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	116	388	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	155	388	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	116	388	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	116	388	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	116	388	ug/kg	0.0331	1					
Acenaphthene	J	12.0	11.6	38.8	ug/kg	0.0331	1					
Acenaphthylene		181	11.6	38.8	ug/kg	0.0331	1					
Acetophenone	U	ND	116	388	ug/kg	0.0331	1					
Anthracene		149	11.6	38.8	ug/kg	0.0331	1					
Atrazine	U	ND	155	388	ug/kg	0.0331	1					
Benzaldehyde	U	ND	116	388	ug/kg	0.0331	1					
Benzo(a)anthracene		859	11.6	38.8	ug/kg	0.0331	1					
Benzo(a)pyrene		798	11.6	38.8	ug/kg	0.0331	1					
Benzo(b)fluoranthene		1200	11.6	38.8	ug/kg	0.0331	1					
Benzo(ghi)perylene		483	11.6	38.8	ug/kg	0.0331	1					
Benzo(k)fluoranthene		431	11.6	38.8	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.6	38.8	ug/kg	0.0331	1					
Carbazole		62.8	11.6	38.8	ug/kg	0.0331	1					
Chrysene		945	11.6	38.8	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.6	38.8	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.6	38.8	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene		144	11.6	38.8	ug/kg	0.0331	1					
Dibenzofuran	U	ND	116	388	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.6	38.8	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.6	38.8	ug/kg	0.0331	1					
Diphenylamine	U	ND	116	388	ug/kg	0.0331	1					
Fluoranthene		1640	11.6	38.8	ug/kg	0.0331	1					
Fluorene	J	26.8	11.6	38.8	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-26-3.5 Project: RVDE00226C
Sample ID: 779753002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	116	388	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	116	388	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	116	388	ug/kg	0.0331	1					
Hexachloroethane	U	ND	116	388	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		545	11.6	38.8	ug/kg	0.0331	1					
Isophorone	U	ND	116	388	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	116	388	ug/kg	0.0331	1					
Naphthalene		73.7	11.6	38.8	ug/kg	0.0331	1					
Nitrobenzene	U	ND	116	388	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	116	388	ug/kg	0.0331	1					
Phenanthrene		652	11.6	38.8	ug/kg	0.0331	1					
Phenol	U	ND	116	388	ug/kg	0.0331	1					
Pyrene		1430	11.6	38.8	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	116	388	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	116	388	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	116	388	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.6	38.8	ug/kg	0.0331	1					
m,p-Cresols	U	ND	116	388	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	116	388	ug/kg	0.0331	1					
o-Cresol	U	ND	116	388	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	128	388	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	116	388	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.144	0.359	mg/kg	30.7	1	BR2	06/16/26	1317	3009991	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.308	0.925	ug/kg	0.790	1	CO1	06/16/26	1308	3012880	6
1,1,2,2-Tetrachloroethane	U	ND	0.308	0.925	ug/kg	0.790	1					
1,1,2-Trichloroethane	U	ND	0.308	0.925	ug/kg	0.790	1					
1,1-Dichloroethane	U	ND	0.308	0.925	ug/kg	0.790	1					
1,1-Dichloroethylene	U	ND	0.308	0.925	ug/kg	0.790	1					
1,2,3-Trichlorobenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
1,2,4-Trichlorobenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
1,2-Dibromo-3-chloropropane	U	ND	0.463	0.925	ug/kg	0.790	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-26-3.5 Project: RVDE00226C
Sample ID: 779753002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.308	0.925	ug/kg	0.790	1					
1,2-Dichlorobenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
1,2-Dichloroethane	U	ND	0.308	0.925	ug/kg	0.790	1					
1,2-Dichloropropane	U	ND	0.308	0.925	ug/kg	0.790	1					
1,3-Dichlorobenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
1,4-Dichlorobenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
1,4-Dioxane	U	ND	15.4	46.3	ug/kg	0.790	1					
2-Butanone	U	ND	1.54	4.63	ug/kg	0.790	1					
2-Hexanone	U	ND	1.54	4.63	ug/kg	0.790	1					
4-Methyl-2-pentanone	U	ND	1.54	4.63	ug/kg	0.790	1					
Acetone	U	ND	1.54	4.63	ug/kg	0.790	1					
Benzene	U	ND	0.308	0.925	ug/kg	0.790	1					
Bromochloromethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Bromodichloromethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Bromoform	U	ND	0.308	0.925	ug/kg	0.790	1					
Bromomethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Carbon disulfide	U	ND	1.54	4.63	ug/kg	0.790	1					
Carbon tetrachloride	U	ND	0.308	0.925	ug/kg	0.790	1					
Chlorobenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
Chloroethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Chloroform	U	ND	0.308	0.925	ug/kg	0.790	1					
Chloromethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Cyclohexane	U	ND	0.308	0.925	ug/kg	0.790	1					
Dibromochloromethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Dichlorodifluoromethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Ethylbenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
Isopropylbenzene	U	ND	0.308	0.925	ug/kg	0.790	1					
Methyl acetate	U	ND	1.54	4.63	ug/kg	0.790	1					
Methylcyclohexane	U	ND	0.308	0.925	ug/kg	0.790	1					
Methylene chloride	U	ND	1.54	4.63	ug/kg	0.790	1					
Styrene	U	ND	0.308	0.925	ug/kg	0.790	1					
Tetrachloroethylene	U	ND	0.308	0.925	ug/kg	0.790	1					
Toluene	U	ND	0.308	0.925	ug/kg	0.790	1					
Trichloroethylene	U	ND	0.308	0.925	ug/kg	0.790	1					
Trichlorofluoromethane	U	ND	0.308	0.925	ug/kg	0.790	1					
Trichlorotrifluoroethane	U	ND	1.54	4.63	ug/kg	0.790	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-26-3.5 Project: RVDE00226C
Sample ID: 779753002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.308	0.925	ug/kg	0.790	1					
cis-1,2-Dichloroethylene	U	ND	0.308	0.925	ug/kg	0.790	1					
cis-1,3-Dichloropropylene	U	ND	0.308	0.925	ug/kg	0.790	1					
m,p-Xylenes	U	ND	0.617	1.85	ug/kg	0.790	1					
o-Xylene	U	ND	0.308	0.925	ug/kg	0.790	1					
tert-Butyl methyl ether	U	ND	0.308	0.925	ug/kg	0.790	1					
trans-1,2-Dichloroethylene	U	ND	0.308	0.925	ug/kg	0.790	1					
trans-1,3-Dichloropropylene	U	ND	0.308	0.925	ug/kg	0.790	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 5035	5035 Prep	CO1	06/02/26	0900	3012872
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3546/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1120 ug/kg	1940	58	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1940	60	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1290 ug/kg	1940	67	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2580 ug/kg	3880	67	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2650 ug/kg	3880	68	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1660 ug/kg	3880	43	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.0 ug/kg	50.0	95	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	50.6 ug/kg	50.0	109	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-26-3.5	Project:	RVDE00226C
Sample ID:	779753002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		44.7	ug/kg	50.0		97	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-44-2.5	Project:	RVDE00226C
Sample ID:	779753003	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	02-JUN-26 09:25		
Receive Date:	03-JUN-26		
Collector:	Client		
Moisture:	19.7%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	28.6	9.97	29.8	ug/kg	120	1	JP2	06/09/26	1047	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8180000	7200	21200	ug/kg	85.0	1	EM2	06/09/26	1247	3005499	2
Antimony	U	ND	349	2120	ug/kg	85.0	1					
Arsenic		3970	529	3180	ug/kg	85.0	1					
Barium		62500	106	529	ug/kg	85.0	1					
Beryllium	J	473	106	529	ug/kg	85.0	1					
Cadmium	U	ND	106	529	ug/kg	85.0	1					
Calcium		33500000	8470	26500	ug/kg	85.0	1					
Chromium		302000	159	1060	ug/kg	85.0	1					
Cobalt		1750	159	529	ug/kg	85.0	1					
Copper		31900	318	2120	ug/kg	85.0	1					
Iron		45400000	8470	26500	ug/kg	85.0	1					
Lead		29800	349	2120	ug/kg	85.0	1					
Magnesium		8580000	9000	31800	ug/kg	85.0	1					
Nickel		9070	159	529	ug/kg	85.0	1					
Potassium		307000	6780	26500	ug/kg	85.0	1					
Selenium	J	2180	529	3180	ug/kg	85.0	1					
Silver	J	217	106	529	ug/kg	85.0	1					
Sodium		83900	7410	26500	ug/kg	85.0	1					
Thallium	U	ND	529	2120	ug/kg	85.0	1					
Vanadium		66700	106	529	ug/kg	85.0	1					
Zinc		96500	423	2120	ug/kg	85.0	1					
Manganese		2550000	1060	5290	ug/kg	85.0	5	EM2	06/09/26	1358	3005499	3
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	124	413	ug/kg	0.0332	1	BM1	06/10/26	2000	3008433	4
1,2,4,5-Tetrachlorobenzene	U	ND	124	413	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	124	413	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	124	413	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	124	413	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	124	413	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	124	413	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	124	826	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-44-2.5 Project: RVDE00226C
Sample ID: 779753003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	124	413	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	124	413	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	12.4	41.3	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	124	413	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	124	413	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	12.4	41.3	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	124	413	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	124	413	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	124	413	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	165	413	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	124	413	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	124	413	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	124	413	ug/kg	0.0332	1					
Acenaphthene	J	12.8	12.4	41.3	ug/kg	0.0332	1					
Acenaphthylene	J	18.2	12.4	41.3	ug/kg	0.0332	1					
Acetophenone	U	ND	124	413	ug/kg	0.0332	1					
Anthracene	J	15.3	12.4	41.3	ug/kg	0.0332	1					
Atrazine	U	ND	165	413	ug/kg	0.0332	1					
Benzaldehyde	U	ND	124	413	ug/kg	0.0332	1					
Benzo(a)anthracene		51.2	12.4	41.3	ug/kg	0.0332	1					
Benzo(a)pyrene		59.1	12.4	41.3	ug/kg	0.0332	1					
Benzo(b)fluoranthene		96.6	12.4	41.3	ug/kg	0.0332	1					
Benzo(ghi)perylene		48.3	12.4	41.3	ug/kg	0.0332	1					
Benzo(k)fluoranthene	J	34.7	12.4	41.3	ug/kg	0.0332	1					
Butylbenzylphthalate	J	21.1	12.4	41.3	ug/kg	0.0332	1					
Carbazole	U	ND	12.4	41.3	ug/kg	0.0332	1					
Chrysene		68.5	12.4	41.3	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	12.4	41.3	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	12.4	41.3	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	12.4	41.3	ug/kg	0.0332	1					
Dibenzofuran	U	ND	124	413	ug/kg	0.0332	1					
Diethylphthalate	U	ND	12.4	41.3	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	12.4	41.3	ug/kg	0.0332	1					
Diphenylamine	U	ND	124	413	ug/kg	0.0332	1					
Fluoranthene		105	12.4	41.3	ug/kg	0.0332	1					
Fluorene	U	ND	12.4	41.3	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-44-2.5 Project: RVDE00226C
Sample ID: 779753003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	124	413	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	124	413	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	124	413	ug/kg	0.0332	1					
Hexachloroethane	U	ND	124	413	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene		50.8	12.4	41.3	ug/kg	0.0332	1					
Isophorone	U	ND	124	413	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	124	413	ug/kg	0.0332	1					
Naphthalene	U	ND	12.4	41.3	ug/kg	0.0332	1					
Nitrobenzene	U	ND	124	413	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	124	413	ug/kg	0.0332	1					
Phenanthrene		56.6	12.4	41.3	ug/kg	0.0332	1					
Phenol	U	ND	124	413	ug/kg	0.0332	1					
Pyrene		95.8	12.4	41.3	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	124	413	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	124	413	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	124	413	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate		140	12.4	41.3	ug/kg	0.0332	1					
m,p-Cresols	U	ND	124	413	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	124	413	ug/kg	0.0332	1					
o-Cresol	U	ND	124	413	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	136	413	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	124	413	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.118	0.296	mg/kg	23.7	1	BR2	06/16/26	1317	3009991	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.356	1.07	ug/kg	0.859	1	CO1	06/16/26	1333	3012880	6
1,1,2,2-Tetrachloroethane	U	ND	0.356	1.07	ug/kg	0.859	1					
1,1,2-Trichloroethane	U	ND	0.356	1.07	ug/kg	0.859	1					
1,1-Dichloroethane	U	ND	0.356	1.07	ug/kg	0.859	1					
1,1-Dichloroethylene	U	ND	0.356	1.07	ug/kg	0.859	1					
1,2,3-Trichlorobenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
1,2,4-Trichlorobenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
1,2-Dibromo-3-chloropropane	U	ND	0.535	1.07	ug/kg	0.859	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-44-2.5 Project: RVDE00226C
Sample ID: 779753003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.356	1.07	ug/kg	0.859	1					
1,2-Dichlorobenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
1,2-Dichloroethane	U	ND	0.356	1.07	ug/kg	0.859	1					
1,2-Dichloropropane	U	ND	0.356	1.07	ug/kg	0.859	1					
1,3-Dichlorobenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
1,4-Dichlorobenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
1,4-Dioxane	U	ND	17.8	53.5	ug/kg	0.859	1					
2-Butanone	J	4.49	1.78	5.35	ug/kg	0.859	1					
2-Hexanone	U	ND	1.78	5.35	ug/kg	0.859	1					
4-Methyl-2-pentanone	U	ND	1.78	5.35	ug/kg	0.859	1					
Acetone		28.0	1.78	5.35	ug/kg	0.859	1					
Benzene	U	ND	0.356	1.07	ug/kg	0.859	1					
Bromochloromethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Bromodichloromethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Bromoform	U	ND	0.356	1.07	ug/kg	0.859	1					
Bromomethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Carbon disulfide	J	3.58	1.78	5.35	ug/kg	0.859	1					
Carbon tetrachloride	U	ND	0.356	1.07	ug/kg	0.859	1					
Chlorobenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
Chloroethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Chloroform	U	ND	0.356	1.07	ug/kg	0.859	1					
Chloromethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Cyclohexane	U	ND	0.356	1.07	ug/kg	0.859	1					
Dibromochloromethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Dichlorodifluoromethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Ethylbenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
Isopropylbenzene	U	ND	0.356	1.07	ug/kg	0.859	1					
Methyl acetate	U	ND	1.78	5.35	ug/kg	0.859	1					
Methylcyclohexane	U	ND	0.356	1.07	ug/kg	0.859	1					
Methylene chloride	U	ND	1.78	5.35	ug/kg	0.859	1					
Styrene	U	ND	0.356	1.07	ug/kg	0.859	1					
Tetrachloroethylene	U	ND	0.356	1.07	ug/kg	0.859	1					
Toluene	U	ND	0.356	1.07	ug/kg	0.859	1					
Trichloroethylene	U	ND	0.356	1.07	ug/kg	0.859	1					
Trichlorofluoromethane	U	ND	0.356	1.07	ug/kg	0.859	1					
Trichlorotrifluoroethane	U	ND	1.78	5.35	ug/kg	0.859	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-44-2.5 Project: RVDE00226C
Sample ID: 779753003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.356	1.07	ug/kg	0.859	1					
cis-1,2-Dichloroethylene	U	ND	0.356	1.07	ug/kg	0.859	1					
cis-1,3-Dichloropropylene	U	ND	0.356	1.07	ug/kg	0.859	1					
m,p-Xylenes	U	ND	0.713	2.14	ug/kg	0.859	1					
o-Xylene	U	ND	0.356	1.07	ug/kg	0.859	1					
tert-Butyl methyl ether	U	ND	0.356	1.07	ug/kg	0.859	1					
trans-1,2-Dichloroethylene	U	ND	0.356	1.07	ug/kg	0.859	1					
trans-1,3-Dichloropropylene	U	ND	0.356	1.07	ug/kg	0.859	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 5035	5035 Prep	CO1	06/02/26	0925	3012872
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3546/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1110 ug/kg	2060	54	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1130 ug/kg	2060	55	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1230 ug/kg	2060	60	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2550 ug/kg	4130	62	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2540 ug/kg	4130	62	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2300 ug/kg	4130	56	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	50.6 ug/kg	50.0	95	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	56.6 ug/kg	50.0	106	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-44-2.5	Project:	RVDE00226C
Sample ID:	779753003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		51.4	ug/kg	50.0		96		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-0.5
Sample ID: 779753004
Matrix: Soil
Collect Date: 02-JUN-26 10:10
Receive Date: 03-JUN-26
Collector: Client
Moisture: 9.34%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	J	224	86.9	260	ug/kg	47.2	1	CH9	06/09/26	1631	3008203	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		145	8.06	24.1	ug/kg	109	1	JP2	06/09/26	1049	3008292	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Beryllium		714	101	503	ug/kg	91.2	1	EM2	06/09/26	1249	3005499	3
Sodium		199000	7040	25200	ug/kg	91.2	1					
Thallium	J	1810	503	2010	ug/kg	91.2	1					
Aluminum		10900000	68400	201000	ug/kg	91.2	10	EM2	06/09/26	1407	3005499	4
Antimony	U	ND	3320	20100	ug/kg	91.2	10					
Arsenic	J	15400	5030	30200	ug/kg	91.2	10					
Barium		205000	1010	5030	ug/kg	91.2	10					
Cadmium	U	ND	1010	5030	ug/kg	91.2	10					
Calcium		140000000	80500	252000	ug/kg	91.2	10					
Chromium		1640000	1510	10100	ug/kg	91.2	10					
Cobalt		6350	1510	5030	ug/kg	91.2	10					
Copper		181000	3020	20100	ug/kg	91.2	10					
Iron		197000000	80500	252000	ug/kg	91.2	10					
Lead		171000	3320	20100	ug/kg	91.2	10					
Magnesium		56600000	85500	302000	ug/kg	91.2	10					
Nickel		50400	1510	5030	ug/kg	91.2	10					
Potassium	J	90500	64400	252000	ug/kg	91.2	10					
Selenium	J	20200	5030	30200	ug/kg	91.2	10					
Silver	J	1400	1010	5030	ug/kg	91.2	10					
Vanadium		156000	1010	5030	ug/kg	91.2	10					
Zinc		2090000	4030	20100	ug/kg	91.2	10					
Manganese		11800000	4030	20100	ug/kg	91.2	20	EM2	06/09/26	1422	3005499	5
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	109	365	ug/kg	0.0330	1	BM1	06/11/26	1421	3008433	6
1,2,4,5-Tetrachlorobenzene	U	ND	109	365	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	109	365	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	109	365	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-0.5 Project: RVDE00226C
Sample ID: 779753004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	109	365	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	109	365	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	109	365	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	109	729	ug/kg	0.0330	1					
2,4-Dinitrotoluene	U	ND	109	365	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	109	365	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	10.9	36.5	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	109	365	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	109	365	ug/kg	0.0330	1					
2-Methylnaphthalene	J	35.0	10.9	36.5	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	109	365	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	109	365	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	109	365	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	146	365	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	109	365	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	109	365	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	109	365	ug/kg	0.0330	1					
Acenaphthene		240	10.9	36.5	ug/kg	0.0330	1					
Acenaphthylene	U	ND	10.9	36.5	ug/kg	0.0330	1					
Acetophenone	U	ND	109	365	ug/kg	0.0330	1					
Anthracene		787	10.9	36.5	ug/kg	0.0330	1					
Atrazine	U	ND	146	365	ug/kg	0.0330	1					
Benzaldehyde	U	ND	109	365	ug/kg	0.0330	1					
Benzo(a)anthracene		2040	10.9	36.5	ug/kg	0.0330	1					
Benzo(a)pyrene		1390	10.9	36.5	ug/kg	0.0330	1					
Benzo(b)fluoranthene		2100	10.9	36.5	ug/kg	0.0330	1					
Benzo(ghi)perylene		800	10.9	36.5	ug/kg	0.0330	1					
Benzo(k)fluoranthene		744	10.9	36.5	ug/kg	0.0330	1					
Butylbenzylphthalate		440	10.9	36.5	ug/kg	0.0330	1					
Carbazole		614	10.9	36.5	ug/kg	0.0330	1					
Chrysene		2180	10.9	36.5	ug/kg	0.0330	1					
Di-n-butylphthalate	J	25.9	10.9	36.5	ug/kg	0.0330	1					
Di-n-octylphthalate	J	21.1	10.9	36.5	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene		218	10.9	36.5	ug/kg	0.0330	1					
Dibenzofuran	J	122	109	365	ug/kg	0.0330	1					
Diethylphthalate	U	ND	10.9	36.5	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-0.5 Project: RVDE00226C
Sample ID: 779753004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	J	21.5	10.9	36.5	ug/kg	0.0330	1					
Diphenylamine	U	ND	109	365	ug/kg	0.0330	1					
Fluorene		199	10.9	36.5	ug/kg	0.0330	1					
Hexachlorobenzene	U	ND	109	365	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	109	365	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	109	365	ug/kg	0.0330	1					
Hexachloroethane	U	ND	109	365	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene		848	10.9	36.5	ug/kg	0.0330	1					
Isophorone	U	ND	109	365	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	109	365	ug/kg	0.0330	1					
Naphthalene		61.2	10.9	36.5	ug/kg	0.0330	1					
Nitrobenzene	U	ND	109	365	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	109	365	ug/kg	0.0330	1					
Phenanthrene		3810	10.9	36.5	ug/kg	0.0330	1					
Phenol		376	109	365	ug/kg	0.0330	1					
Pyrene		3960	10.9	36.5	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	109	365	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	109	365	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	109	365	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate		2410	10.9	36.5	ug/kg	0.0330	1					
m,p-Cresols	U	ND	109	365	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	109	365	ug/kg	0.0330	1					
o-Cresol	U	ND	109	365	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	120	365	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	109	365	ug/kg	0.0330	1					
Fluoranthene		5970	109	365	ug/kg	0.0330	10	BM1	06/12/26	1230	3008433	7
Semi-Volatiles-PCB												
SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"												
Aroclor-1016	U	ND	6.06	18.2	ug/kg	0.0330	5	JXM	06/10/26	1744	3007849	8
Aroclor-1221	U	ND	6.06	18.2	ug/kg	0.0330	5					
Aroclor-1232	U	ND	6.06	18.2	ug/kg	0.0330	5					
Aroclor-1242	U	ND	6.06	18.2	ug/kg	0.0330	5					
Aroclor-1248		73.3	6.06	18.2	ug/kg	0.0330	5					
Aroclor-1254		71.8	6.06	18.2	ug/kg	0.0330	5					
Aroclor-1260		36.8	6.06	18.2	ug/kg	0.0330	5					
Aroclor-1262	U	ND	6.06	18.2	ug/kg	0.0330	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-0.5 Project: RVDE00226C
Sample ID: 779753004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"												
Aroclor-1268	U	ND	6.06	18.2	ug/kg	0.0330	5					
Semi-Volatiles-Pesticide												
SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	3.66	14.6	ug/kg	0.166	10	YS1	06/11/26	0644	3008465	10
4,4'-DDE	U	ND	3.66	14.6	ug/kg	0.166	10					
4,4'-DDT	U	ND	3.66	14.6	ug/kg	0.166	10					
Aldrin	U	ND	1.83	7.32	ug/kg	0.166	10					
Dieldrin	U	ND	3.66	14.6	ug/kg	0.166	10					
Endosulfan I	U	ND	1.83	7.32	ug/kg	0.166	10					
Endosulfan II	U	ND	3.66	14.6	ug/kg	0.166	10					
Endosulfan sulfate	U	ND	3.66	14.6	ug/kg	0.166	10					
Endrin	U	ND	3.66	14.6	ug/kg	0.166	10					
Endrin aldehyde	U	ND	3.66	14.6	ug/kg	0.166	10					
Endrin ketone	U	ND	3.66	14.6	ug/kg	0.166	10					
Heptachlor	U	ND	1.83	7.32	ug/kg	0.166	10					
Heptachlor epoxide	U	ND	1.83	7.32	ug/kg	0.166	10					
Methoxychlor	U	ND	18.3	73.2	ug/kg	0.166	10					
Toxaphene	U	ND	61.0	183	ug/kg	0.166	10					
alpha-BHC	U	ND	1.83	7.32	ug/kg	0.166	10					
beta-BHC	U	ND	1.83	7.32	ug/kg	0.166	10					
cis-Chlordane	U	ND	1.83	7.32	ug/kg	0.166	10					
delta-BHC	U	ND	1.83	7.32	ug/kg	0.166	10					
gamma-BHC (Lindane)	U	ND	1.83	7.32	ug/kg	0.166	10					
trans-Chlordane	U	ND	1.83	7.32	ug/kg	0.166	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		12.5	0.591	1.48	mg/kg	26.8	5	BR2	06/16/26	1317	3009991	11

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 3546	Prep Method 3546 for Solid	DS5	06/09/26	0816	3007848
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-0.5 Project: RVDE00226C
Sample ID: 779753004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
SW846 9010C Distillation		SW846 9010C Prep		CH9	06/09/26		1608	3008202				
SW846 3546		Prep Method 3546 for Solid		JG3	06/10/26		0716	3008464				

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3050B/6010D	
6	SW846 3546/8270E	
7	SW846 3546/8270E	
8	SW846 3546/8082A	
9	SW846 3546/8081B	
10	SW846 3546/8081B	
11	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1070 ug/kg	1820	59	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1110 ug/kg	1820	61	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1110 ug/kg	1820	61	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2390 ug/kg	3650	66	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2380 ug/kg	3650	65	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2140 ug/kg	3650	59	(20%-130%)
4cmx	SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"	4.55 ug/kg	7.27	63	(24%-110%)
Decachlorobiphenyl	SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"	5.48 ug/kg	7.27	75	(25%-133%)
Decachlorobiphenyl	SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"	31.6 ug/kg	36.6	86	(32%-150%)
4cmx	SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"	24.2 ug/kg	36.6	66	(23%-137%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-36-0.5	Project:	RVDE00226C
Sample ID:	779753004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-3.0
Sample ID: 779753005
Matrix: Soil
Collect Date: 02-JUN-26 10:20
Receive Date: 03-JUN-26
Collector: Client
Moisture: 10.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	J	159	95.5	286	ug/kg	51.0	1	CH9	06/09/26	1634	3008203	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		24.2	7.82	23.4	ug/kg	104	1	JP2	06/09/26	1050	3008292	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Beryllium	J	471	94.5	473	ug/kg	84.3	1	EM2	06/09/26	1252	3005499	3
Sodium		126000	6620	23600	ug/kg	84.3	1					
Thallium	U	ND	473	1890	ug/kg	84.3	1					
Aluminum		5100000	64300	189000	ug/kg	84.3	10	EM2	06/09/26	1410	3005499	4
Antimony	U	ND	3120	18900	ug/kg	84.3	10					
Arsenic	J	6950	4730	28400	ug/kg	84.3	10					
Barium		99400	945	4730	ug/kg	84.3	10					
Cadmium	U	ND	945	4730	ug/kg	84.3	10					
Calcium		84600000	75600	236000	ug/kg	84.3	10					
Chromium		983000	1420	9450	ug/kg	84.3	10					
Cobalt		5220	1420	4730	ug/kg	84.3	10					
Copper		86000	2840	18900	ug/kg	84.3	10					
Iron		109000000	75600	236000	ug/kg	84.3	10					
Lead		97000	3120	18900	ug/kg	84.3	10					
Magnesium		38600000	80300	284000	ug/kg	84.3	10					
Manganese		5930000	1890	9450	ug/kg	84.3	10					
Nickel		72600	1420	4730	ug/kg	84.3	10					
Potassium	J	123000	60500	236000	ug/kg	84.3	10					
Selenium	J	14700	4730	28400	ug/kg	84.3	10					
Silver	U	ND	945	4730	ug/kg	84.3	10					
Vanadium		101000	945	4730	ug/kg	84.3	10					
Zinc		371000	3780	18900	ug/kg	84.3	10					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	111	369	ug/kg	0.0329	1	BM1	06/10/26	2045	3008433	5
1,2,4,5-Tetrachlorobenzene	U	ND	111	369	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	111	369	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	111	369	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-3.0 Project: RVDE00226C
Sample ID: 779753005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,6-Trichlorophenol	U	ND	111	369	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	111	369	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	111	369	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	111	738	ug/kg	0.0329	1					
2,4-Dinitrotoluene	U	ND	111	369	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	111	369	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.1	36.9	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	111	369	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	111	369	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	11.1	36.9	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	111	369	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	111	369	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	111	369	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	148	369	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	111	369	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	111	369	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	111	369	ug/kg	0.0329	1					
Acenaphthene	J	18.5	11.1	36.9	ug/kg	0.0329	1					
Acenaphthylene	U	ND	11.1	36.9	ug/kg	0.0329	1					
Acetophenone	U	ND	111	369	ug/kg	0.0329	1					
Anthracene		78.6	11.1	36.9	ug/kg	0.0329	1					
Atrazine	U	ND	148	369	ug/kg	0.0329	1					
Benzaldehyde	U	ND	111	369	ug/kg	0.0329	1					
Benzo(a)anthracene		270	11.1	36.9	ug/kg	0.0329	1					
Benzo(a)pyrene		215	11.1	36.9	ug/kg	0.0329	1					
Benzo(b)fluoranthene		321	11.1	36.9	ug/kg	0.0329	1					
Benzo(ghi)perylene		118	11.1	36.9	ug/kg	0.0329	1					
Benzo(k)fluoranthene		113	11.1	36.9	ug/kg	0.0329	1					
Butylbenzylphthalate		39.1	11.1	36.9	ug/kg	0.0329	1					
Carbazole	J	19.9	11.1	36.9	ug/kg	0.0329	1					
Chrysene		269	11.1	36.9	ug/kg	0.0329	1					
Di-n-butylphthalate	J	13.7	11.1	36.9	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.1	36.9	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	J	35.4	11.1	36.9	ug/kg	0.0329	1					
Dibenzofuran	U	ND	111	369	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.1	36.9	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-3.0 Project: RVDE00226C
Sample ID: 779753005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Dimethylphthalate	J	14.0	11.1	36.9	ug/kg	0.0329	1					
Diphenylamine	U	ND	111	369	ug/kg	0.0329	1					
Fluoranthene		575	11.1	36.9	ug/kg	0.0329	1					
Fluorene	J	16.2	11.1	36.9	ug/kg	0.0329	1					
Hexachlorobenzene	U	ND	111	369	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	111	369	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	111	369	ug/kg	0.0329	1					
Hexachloroethane	U	ND	111	369	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene		130	11.1	36.9	ug/kg	0.0329	1					
Isophorone	U	ND	111	369	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	111	369	ug/kg	0.0329	1					
Naphthalene	U	ND	11.1	36.9	ug/kg	0.0329	1					
Nitrobenzene	U	ND	111	369	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	111	369	ug/kg	0.0329	1					
Phenanthrene		244	11.1	36.9	ug/kg	0.0329	1					
Phenol	U	ND	111	369	ug/kg	0.0329	1					
Pyrene		514	11.1	36.9	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	111	369	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	111	369	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	111	369	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate		262	11.1	36.9	ug/kg	0.0329	1					
m,p-Cresols	U	ND	111	369	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	111	369	ug/kg	0.0329	1					
o-Cresol	U	ND	111	369	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	122	369	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	111	369	ug/kg	0.0329	1					
Semi-Volatiles-PCB												
SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"												
Aroclor-1016	U	ND	6.15	18.5	ug/kg	0.0330	5	JXM	06/10/26	1759	3007849	6
Aroclor-1221	U	ND	6.15	18.5	ug/kg	0.0330	5					
Aroclor-1232	U	ND	6.15	18.5	ug/kg	0.0330	5					
Aroclor-1242	U	ND	6.15	18.5	ug/kg	0.0330	5					
Aroclor-1248		64.2	6.15	18.5	ug/kg	0.0330	5					
Aroclor-1254		62.5	6.15	18.5	ug/kg	0.0330	5					
Aroclor-1260		33.2	6.15	18.5	ug/kg	0.0330	5					
Aroclor-1262	U	ND	6.15	18.5	ug/kg	0.0330	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-3.0 Project: RVDE00226C
Sample ID: 779753005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"												
Aroclor-1268	U	ND	6.15	18.5	ug/kg	0.0330	5					
Semi-Volatiles-Pesticide												
SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	1.86	7.44	ug/kg	0.166	5	YS1	06/10/26	2224	3008465	7
4,4'-DDE	U	ND	1.86	7.44	ug/kg	0.166	5					
4,4'-DDT	U	ND	1.86	7.44	ug/kg	0.166	5					
Aldrin	U	ND	0.930	3.72	ug/kg	0.166	5					
Dieldrin	U	ND	1.86	7.44	ug/kg	0.166	5					
Endosulfan I	U	ND	0.930	3.72	ug/kg	0.166	5					
Endosulfan II	U	ND	1.86	7.44	ug/kg	0.166	5					
Endosulfan sulfate	U	ND	1.86	7.44	ug/kg	0.166	5					
Endrin	U	ND	1.86	7.44	ug/kg	0.166	5					
Endrin aldehyde	U	ND	1.86	7.44	ug/kg	0.166	5					
Endrin ketone	U	ND	1.86	7.44	ug/kg	0.166	5					
Heptachlor	U	ND	0.930	3.72	ug/kg	0.166	5					
Heptachlor epoxide	U	ND	0.930	3.72	ug/kg	0.166	5					
Methoxychlor	U	ND	9.30	37.2	ug/kg	0.166	5					
Toxaphene	U	ND	31.0	93.0	ug/kg	0.166	5					
alpha-BHC	U	ND	0.930	3.72	ug/kg	0.166	5					
beta-BHC	U	ND	0.930	3.72	ug/kg	0.166	5					
cis-Chlordane	U	ND	0.930	3.72	ug/kg	0.166	5					
delta-BHC	U	ND	0.930	3.72	ug/kg	0.166	5					
gamma-BHC (Lindane)	U	ND	0.930	3.72	ug/kg	0.166	5					
trans-Chlordane	U	ND	0.930	3.72	ug/kg	0.166	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.190	0.104	0.260	mg/kg	23.2	1	BR2	06/16/26	1317	3009991	8
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.207	0.623	ug/kg	0.556	1	CO1	06/16/26	1358	3012880	9
1,1,2,2-Tetrachloroethane	U	ND	0.207	0.623	ug/kg	0.556	1					
1,1,2-Trichloroethane	U	ND	0.207	0.623	ug/kg	0.556	1					
1,1-Dichloroethane	U	ND	0.207	0.623	ug/kg	0.556	1					
1,1-Dichloroethylene	U	ND	0.207	0.623	ug/kg	0.556	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-3.0 Project: RVDE00226C
Sample ID: 779753005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2,3-Trichlorobenzene	U	ND	0.207	0.623	ug/kg	0.556	1					
1,2,4-Trichlorobenzene	U	ND	0.207	0.623	ug/kg	0.556	1					
1,2-Dibromo-3-chloropropane	U	ND	0.311	0.623	ug/kg	0.556	1					
1,2-Dibromoethane	U	ND	0.207	0.623	ug/kg	0.556	1					
1,2-Dichlorobenzene	U	ND	0.207	0.623	ug/kg	0.556	1					
1,2-Dichloroethane	U	ND	0.207	0.623	ug/kg	0.556	1					
1,2-Dichloropropane	U	ND	0.207	0.623	ug/kg	0.556	1					
1,3-Dichlorobenzene	U	ND	0.207	0.623	ug/kg	0.556	1					
1,4-Dichlorobenzene	U	ND	0.207	0.623	ug/kg	0.556	1					
1,4-Dioxane	U	ND	10.4	31.1	ug/kg	0.556	1					
2-Butanone	U	ND	1.04	3.11	ug/kg	0.556	1					
2-Hexanone	U	ND	1.04	3.11	ug/kg	0.556	1					
4-Methyl-2-pentanone	J	2.78	1.04	3.11	ug/kg	0.556	1					
Acetone		7.96	1.04	3.11	ug/kg	0.556	1					
Benzene	J	0.392	0.207	0.623	ug/kg	0.556	1					
Bromochloromethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Bromodichloromethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Bromoform	U	ND	0.207	0.623	ug/kg	0.556	1					
Bromomethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Carbon disulfide	U	ND	1.04	3.11	ug/kg	0.556	1					
Carbon tetrachloride	U	ND	0.207	0.623	ug/kg	0.556	1					
Chlorobenzene	U	ND	0.207	0.623	ug/kg	0.556	1					
Chloroethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Chloroform	J	0.480	0.207	0.623	ug/kg	0.556	1					
Chloromethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Cyclohexane	U	ND	0.207	0.623	ug/kg	0.556	1					
Dibromochloromethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Dichlorodifluoromethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Ethylbenzene	J	0.392	0.207	0.623	ug/kg	0.556	1					
Isopropylbenzene	U	ND	0.207	0.623	ug/kg	0.556	1					
Methyl acetate	U	ND	1.04	3.11	ug/kg	0.556	1					
Methylcyclohexane	U	ND	0.207	0.623	ug/kg	0.556	1					
Methylene chloride	U	ND	1.04	3.11	ug/kg	0.556	1					
Styrene		0.772	0.207	0.623	ug/kg	0.556	1					
Tetrachloroethylene	U	ND	0.207	0.623	ug/kg	0.556	1					
Toluene	J	0.417	0.207	0.623	ug/kg	0.556	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-3.0 Project: RVDE00226C
Sample ID: 779753005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Trichloroethylene	U	ND	0.207	0.623	ug/kg	0.556	1					
Trichlorofluoromethane	U	ND	0.207	0.623	ug/kg	0.556	1					
Trichlorotrifluoroethane	U	ND	1.04	3.11	ug/kg	0.556	1					
Vinyl chloride	U	ND	0.207	0.623	ug/kg	0.556	1					
cis-1,2-Dichloroethylene	U	ND	0.207	0.623	ug/kg	0.556	1					
cis-1,3-Dichloropropylene	U	ND	0.207	0.623	ug/kg	0.556	1					
m,p-Xylenes		1.25	0.415	1.25	ug/kg	0.556	1					
o-Xylene		1.05	0.207	0.623	ug/kg	0.556	1					
tert-Butyl methyl ether	U	ND	0.207	0.623	ug/kg	0.556	1					
trans-1,2-Dichloroethylene	U	ND	0.207	0.623	ug/kg	0.556	1					
trans-1,3-Dichloropropylene	U	ND	0.207	0.623	ug/kg	0.556	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 9010C Distillation	SW846 9010C Prep	CH9	06/09/26	1608	3008202
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 5035	5035 Prep	CO1	06/02/26	1020	3012872
SW846 3546	Prep Method 3546 for Solid	DS5	06/09/26	0816	3007848
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 3546	Prep Method 3546 for Solid	JG3	06/10/26	0716	3008464

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3546/8270E	
6	SW846 3546/8082A	
7	SW846 3546/8081B	
8	SW846 7196A	
9	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-36-3.0 Project: RVDE00226C
Sample ID: 779753005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	511 ug/kg	1850	28	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	946 ug/kg	1850	51	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	1850	57	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1360 ug/kg	3690	37	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2180 ug/kg	3690	59	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1290 ug/kg	3690	35	(20%-130%)
4cmx	SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"	4.78 ug/kg	7.39	65	(24%-110%)
Decachlorobiphenyl	SW846 3546/8082A TCL PCB Solid (Microwave prep) "Dry Weight Corrected"	7.18 ug/kg	7.39	97	(25%-133%)
4cmx	SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"	33.2 ug/kg	37.2	89	(23%-137%)
Decachlorobiphenyl	SW846 8081B/3546 TCL Pesticide, Soil "Dry Weight Corrected"	33.3 ug/kg	37.2	90	(32%-150%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	28.5 ug/kg	50.0	92	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	31.6 ug/kg	50.0	102	(67%-136%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight Corrected"	29.4 ug/kg	50.0	94	(79%-122%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-35-3.0	Project:	RVDE00226C
Sample ID:	779753006	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	02-JUN-26 10:35		
Receive Date:	03-JUN-26		
Collector:	Client		
Moisture:	7.63%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		94.0	8.63	25.8	ug/kg	119	1	JP2	06/09/26	1052	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3550000	7060	20800	ug/kg	96.0	1	EM2	06/09/26	1255	3005499	2
Beryllium	J	364	104	519	ug/kg	96.0	1					
Calcium		44200000	8310	26000	ug/kg	96.0	1					
Sodium		146000	7270	26000	ug/kg	96.0	1					
Antimony	U	ND	6860	41600	ug/kg	96.0	20	EM2	06/09/26	1413	3005499	3
Arsenic	J	19900	10400	62300	ug/kg	96.0	20					
Barium		56000	2080	10400	ug/kg	96.0	20					
Cadmium	U	ND	2080	10400	ug/kg	96.0	20					
Chromium		451000	3120	20800	ug/kg	96.0	20					
Cobalt		18800	3120	10400	ug/kg	96.0	20					
Copper		268000	6230	41600	ug/kg	96.0	20					
Iron		387000000	166000	519000	ug/kg	96.0	20					
Lead		75200	6860	41600	ug/kg	96.0	20					
Magnesium		12600000	177000	623000	ug/kg	96.0	20					
Manganese		3900000	4160	20800	ug/kg	96.0	20					
Nickel		114000	3120	10400	ug/kg	96.0	20					
Potassium	J	169000	133000	519000	ug/kg	96.0	20					
Selenium	J	27600	10400	62300	ug/kg	96.0	20					
Silver	U	ND	2080	10400	ug/kg	96.0	20					
Thallium	U	ND	10400	41600	ug/kg	96.0	20					
Vanadium		125000	2080	10400	ug/kg	96.0	20					
Zinc		1080000	8310	41600	ug/kg	96.0	20					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	355	ug/kg	0.0328	1	BM1	06/10/26	2107	3008433	4
1,2,4,5-Tetrachlorobenzene	U	ND	107	355	ug/kg	0.0328	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	355	ug/kg	0.0328	1					
2,4,5-Trichlorophenol	U	ND	107	355	ug/kg	0.0328	1					
2,4,6-Trichlorophenol	U	ND	107	355	ug/kg	0.0328	1					
2,4-Dichlorophenol	U	ND	107	355	ug/kg	0.0328	1					
2,4-Dimethylphenol	U	ND	107	355	ug/kg	0.0328	1					
2,4-Dinitrophenol	U	ND	107	711	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-35-3.0 Project: RVDE00226C
Sample ID: 779753006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	107	355	ug/kg	0.0328	1					
2,6-Dinitrotoluene	U	ND	107	355	ug/kg	0.0328	1					
2-Chloronaphthalene	U	ND	10.7	35.5	ug/kg	0.0328	1					
2-Chlorophenol	U	ND	107	355	ug/kg	0.0328	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	355	ug/kg	0.0328	1					
2-Methylnaphthalene	J	20.6	10.7	35.5	ug/kg	0.0328	1					
2-Nitrophenol	U	ND	107	355	ug/kg	0.0328	1					
3,3'-Dichlorobenzidine	U	ND	107	355	ug/kg	0.0328	1					
4-Bromophenylphenylether	U	ND	107	355	ug/kg	0.0328	1					
4-Chloro-3-methylphenol	U	ND	142	355	ug/kg	0.0328	1					
4-Chloroaniline	U	ND	107	355	ug/kg	0.0328	1					
4-Chlorophenylphenylether	U	ND	107	355	ug/kg	0.0328	1					
4-Nitrophenol	U	ND	107	355	ug/kg	0.0328	1					
Acenaphthene	U	ND	10.7	35.5	ug/kg	0.0328	1					
Acenaphthylene	J	19.5	10.7	35.5	ug/kg	0.0328	1					
Acetophenone	U	ND	107	355	ug/kg	0.0328	1					
Anthracene		36.3	10.7	35.5	ug/kg	0.0328	1					
Atrazine	U	ND	142	355	ug/kg	0.0328	1					
Benzaldehyde	U	ND	107	355	ug/kg	0.0328	1					
Benzo(a)anthracene		51.9	10.7	35.5	ug/kg	0.0328	1					
Benzo(a)pyrene		42.3	10.7	35.5	ug/kg	0.0328	1					
Benzo(b)fluoranthene		102	10.7	35.5	ug/kg	0.0328	1					
Benzo(ghi)perylene		56.2	10.7	35.5	ug/kg	0.0328	1					
Benzo(k)fluoranthene	J	33.1	10.7	35.5	ug/kg	0.0328	1					
Butylbenzylphthalate	U	ND	10.7	35.5	ug/kg	0.0328	1					
Carbazole	U	ND	10.7	35.5	ug/kg	0.0328	1					
Chrysene		81.4	10.7	35.5	ug/kg	0.0328	1					
Di-n-butylphthalate	U	ND	10.7	35.5	ug/kg	0.0328	1					
Di-n-octylphthalate	U	ND	10.7	35.5	ug/kg	0.0328	1					
Dibenzo(a,h)anthracene	J	12.8	10.7	35.5	ug/kg	0.0328	1					
Dibenzofuran	U	ND	107	355	ug/kg	0.0328	1					
Diethylphthalate	U	ND	10.7	35.5	ug/kg	0.0328	1					
Dimethylphthalate	U	ND	10.7	35.5	ug/kg	0.0328	1					
Diphenylamine	U	ND	107	355	ug/kg	0.0328	1					
Fluoranthene		84.6	10.7	35.5	ug/kg	0.0328	1					
Fluorene	U	ND	10.7	35.5	ug/kg	0.0328	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-35-3.0 Project: RVDE00226C
Sample ID: 779753006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	107	355	ug/kg	0.0328	1					
Hexachlorobutadiene	U	ND	107	355	ug/kg	0.0328	1					
Hexachlorocyclopentadiene	U	ND	107	355	ug/kg	0.0328	1					
Hexachloroethane	U	ND	107	355	ug/kg	0.0328	1					
Indeno(1,2,3-cd)pyrene		51.5	10.7	35.5	ug/kg	0.0328	1					
Isophorone	U	ND	107	355	ug/kg	0.0328	1					
N-Nitrosodipropylamine	U	ND	107	355	ug/kg	0.0328	1					
Naphthalene	J	12.4	10.7	35.5	ug/kg	0.0328	1					
Nitrobenzene	U	ND	107	355	ug/kg	0.0328	1					
Pentachlorophenol	U	ND	107	355	ug/kg	0.0328	1					
Phenanthrene		55.4	10.7	35.5	ug/kg	0.0328	1					
Phenol	U	ND	107	355	ug/kg	0.0328	1					
Pyrene		105	10.7	35.5	ug/kg	0.0328	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	355	ug/kg	0.0328	1					
bis(2-Chloroethoxy)methane	U	ND	107	355	ug/kg	0.0328	1					
bis(2-Chloroethyl) ether	U	ND	107	355	ug/kg	0.0328	1					
bis(2-Ethylhexyl)phthalate		71.1	10.7	35.5	ug/kg	0.0328	1					
m,p-Cresols	U	ND	107	355	ug/kg	0.0328	1					
m-Nitroaniline	U	ND	107	355	ug/kg	0.0328	1					
o-Cresol	U	ND	107	355	ug/kg	0.0328	1					
o-Nitroaniline	U	ND	117	355	ug/kg	0.0328	1					
p-Nitroaniline	U	ND	107	355	ug/kg	0.0328	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.107	0.267	mg/kg	24.7	1	BR2	06/16/26	1317	3009991	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.226	0.679	ug/kg	0.627	1	CO1	06/16/26	1424	3012880	6
1,1,2,2-Tetrachloroethane	U	ND	0.226	0.679	ug/kg	0.627	1					
1,1,2-Trichloroethane	U	ND	0.226	0.679	ug/kg	0.627	1					
1,1-Dichloroethane	U	ND	0.226	0.679	ug/kg	0.627	1					
1,1-Dichloroethylene	U	ND	0.226	0.679	ug/kg	0.627	1					
1,2,3-Trichlorobenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
1,2,4-Trichlorobenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
1,2-Dibromo-3-chloropropane	U	ND	0.339	0.679	ug/kg	0.627	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-35-3.0	Project:	RVDE00226C
Sample ID:	779753006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.226	0.679	ug/kg	0.627	1					
1,2-Dichlorobenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
1,2-Dichloroethane	U	ND	0.226	0.679	ug/kg	0.627	1					
1,2-Dichloropropane	U	ND	0.226	0.679	ug/kg	0.627	1					
1,3-Dichlorobenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
1,4-Dichlorobenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
1,4-Dioxane	U	ND	11.3	33.9	ug/kg	0.627	1					
2-Butanone	U	ND	1.13	3.39	ug/kg	0.627	1					
2-Hexanone	U	ND	1.13	3.39	ug/kg	0.627	1					
4-Methyl-2-pentanone	U	ND	1.13	3.39	ug/kg	0.627	1					
Acetone	U	ND	1.13	3.39	ug/kg	0.627	1					
Benzene	U	ND	0.226	0.679	ug/kg	0.627	1					
Bromochloromethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Bromodichloromethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Bromoform	U	ND	0.226	0.679	ug/kg	0.627	1					
Bromomethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Carbon disulfide	U	ND	1.13	3.39	ug/kg	0.627	1					
Carbon tetrachloride	U	ND	0.226	0.679	ug/kg	0.627	1					
Chlorobenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
Chloroethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Chloroform	U	ND	0.226	0.679	ug/kg	0.627	1					
Chloromethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Cyclohexane	U	ND	0.226	0.679	ug/kg	0.627	1					
Dibromochloromethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Dichlorodifluoromethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Ethylbenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
Isopropylbenzene	U	ND	0.226	0.679	ug/kg	0.627	1					
Methyl acetate	U	ND	1.13	3.39	ug/kg	0.627	1					
Methylcyclohexane	U	ND	0.226	0.679	ug/kg	0.627	1					
Methylene chloride	U	ND	1.13	3.39	ug/kg	0.627	1					
Styrene	U	ND	0.226	0.679	ug/kg	0.627	1					
Tetrachloroethylene	U	ND	0.226	0.679	ug/kg	0.627	1					
Toluene	U	ND	0.226	0.679	ug/kg	0.627	1					
Trichloroethylene	U	ND	0.226	0.679	ug/kg	0.627	1					
Trichlorofluoromethane	U	ND	0.226	0.679	ug/kg	0.627	1					
Trichlorotrifluoroethane	U	ND	1.13	3.39	ug/kg	0.627	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-35-3.0 Project: RVDE00226C
Sample ID: 779753006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.226	0.679	ug/kg	0.627	1					
cis-1,2-Dichloroethylene	U	ND	0.226	0.679	ug/kg	0.627	1					
cis-1,3-Dichloropropylene	U	ND	0.226	0.679	ug/kg	0.627	1					
m,p-Xylenes	U	ND	0.453	1.36	ug/kg	0.627	1					
o-Xylene	U	ND	0.226	0.679	ug/kg	0.627	1					
tert-Butyl methyl ether	U	ND	0.226	0.679	ug/kg	0.627	1					
trans-1,2-Dichloroethylene	U	ND	0.226	0.679	ug/kg	0.627	1					
trans-1,3-Dichloropropylene	U	ND	0.226	0.679	ug/kg	0.627	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 5035	5035 Prep	CO1	06/02/26	1035	3012872
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3546/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	736 ug/kg	1780	41	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	906 ug/kg	1780	51	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	973 ug/kg	1780	55	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2040 ug/kg	3550	57	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2080 ug/kg	3550	58	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1850 ug/kg	3550	52	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	32.2 ug/kg	50.0	95	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	35.6 ug/kg	50.0	105	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-35-3.0	Project:	RVDE00226C
Sample ID:	779753006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		32.3	ug/kg	50.0		95		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-34-2.5
Sample ID: 779753007
Matrix: Soil
Collect Date: 02-JUN-26 11:00
Receive Date: 03-JUN-26
Collector: Client
Moisture: 12.4%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		834	8.47	25.3	ug/kg	111	1	JP2	06/09/26	1054	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Beryllium		659	105	526	ug/kg	92.1	1	EM2	06/09/26	1257	3005499	2
Sodium		462000	7360	26300	ug/kg	92.1	1					
Thallium	J	1740	526	2100	ug/kg	92.1	1					
Aluminum		10800000	71500	210000	ug/kg	92.1	10	EM2	06/09/26	1416	3005499	3
Antimony	J	14600	3470	21000	ug/kg	92.1	10					
Arsenic	J	18500	5260	31500	ug/kg	92.1	10					
Barium		465000	1050	5260	ug/kg	92.1	10					
Cadmium		31300	1050	5260	ug/kg	92.1	10					
Calcium		69400000	84100	263000	ug/kg	92.1	10					
Chromium		469000	1580	10500	ug/kg	92.1	10					
Cobalt		15700	1580	5260	ug/kg	92.1	10					
Copper		675000	3150	21000	ug/kg	92.1	10					
Iron		195000000	84100	263000	ug/kg	92.1	10					
Lead		2490000	3470	21000	ug/kg	92.1	10					
Magnesium		22000000	89400	315000	ug/kg	92.1	10					
Nickel		144000	1580	5260	ug/kg	92.1	10					
Potassium		310000	67300	263000	ug/kg	92.1	10					
Selenium	J	31300	5260	31500	ug/kg	92.1	10					
Silver	J	4360	1050	5260	ug/kg	92.1	10					
Vanadium		360000	1050	5260	ug/kg	92.1	10					
Zinc		13700000	4210	21000	ug/kg	92.1	10					
Manganese		9350000	4210	21000	ug/kg	92.1	20	EM2	06/09/26	1425	3005499	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	378	ug/kg	0.0331	1	BM1	06/10/26	2129	3008433	5
1,2,4,5-Tetrachlorobenzene	U	ND	113	378	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	113	378	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	113	756	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-34-2.5 Project: RVDE00226C
Sample ID: 779753007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	378	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	113	378	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.3	37.8	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	378	ug/kg	0.0331	1					
2-Methylnaphthalene	J	34.4	11.3	37.8	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	113	378	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	113	378	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	113	378	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	151	378	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	113	378	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	113	378	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	113	378	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.3	37.8	ug/kg	0.0331	1					
Acenaphthylene	J	31.8	11.3	37.8	ug/kg	0.0331	1					
Acetophenone	U	ND	113	378	ug/kg	0.0331	1					
Anthracene		40.1	11.3	37.8	ug/kg	0.0331	1					
Atrazine	U	ND	151	378	ug/kg	0.0331	1					
Benzaldehyde	U	ND	113	378	ug/kg	0.0331	1					
Benzo(a)anthracene		116	11.3	37.8	ug/kg	0.0331	1					
Benzo(a)pyrene		99.4	11.3	37.8	ug/kg	0.0331	1					
Benzo(b)fluoranthene		240	11.3	37.8	ug/kg	0.0331	1					
Benzo(ghi)perylene		108	11.3	37.8	ug/kg	0.0331	1					
Benzo(k)fluoranthene		74.5	11.3	37.8	ug/kg	0.0331	1					
Butylbenzylphthalate		354	11.3	37.8	ug/kg	0.0331	1					
Carbazole	J	19.3	11.3	37.8	ug/kg	0.0331	1					
Chrysene		207	11.3	37.8	ug/kg	0.0331	1					
Di-n-butylphthalate	J	23.4	11.3	37.8	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	25.3	11.3	37.8	ug/kg	0.0331	1					
Dibenzofuran	U	ND	113	378	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
Dimethylphthalate		66.2	11.3	37.8	ug/kg	0.0331	1					
Diphenylamine	U	ND	113	378	ug/kg	0.0331	1					
Fluoranthene		243	11.3	37.8	ug/kg	0.0331	1					
Fluorene	U	ND	11.3	37.8	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-34-2.5 Project: RVDE00226C
Sample ID: 779753007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	378	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	113	378	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	113	378	ug/kg	0.0331	1					
Hexachloroethane	U	ND	113	378	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		103	11.3	37.8	ug/kg	0.0331	1					
Isophorone	U	ND	113	378	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	113	378	ug/kg	0.0331	1					
Naphthalene	J	35.2	11.3	37.8	ug/kg	0.0331	1					
Nitrobenzene	U	ND	113	378	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	113	378	ug/kg	0.0331	1					
Phenanthrene		130	11.3	37.8	ug/kg	0.0331	1					
Phenol	U	ND	113	378	ug/kg	0.0331	1					
Pyrene		304	11.3	37.8	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	378	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	113	378	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	113	378	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate		254	11.3	37.8	ug/kg	0.0331	1					
m,p-Cresols	U	ND	113	378	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	113	378	ug/kg	0.0331	1					
o-Cresol	U	ND	113	378	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	125	378	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	113	378	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.319	0.120	0.300	mg/kg	26.2	1	BR2	06/16/26	1317	3009991	6
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.269	0.809	ug/kg	0.708	1	CO1	06/16/26	1449	3012880	7
1,1,2,2-Tetrachloroethane	U	ND	0.269	0.809	ug/kg	0.708	1					
1,1,2-Trichloroethane	U	ND	0.269	0.809	ug/kg	0.708	1					
1,1-Dichloroethane	U	ND	0.269	0.809	ug/kg	0.708	1					
1,1-Dichloroethylene	U	ND	0.269	0.809	ug/kg	0.708	1					
1,2,3-Trichlorobenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
1,2,4-Trichlorobenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
1,2-Dibromo-3-chloropropane	U	ND	0.404	0.809	ug/kg	0.708	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-34-2.5 Project: RVDE00226C
Sample ID: 779753007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.269	0.809	ug/kg	0.708	1					
1,2-Dichlorobenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
1,2-Dichloroethane	U	ND	0.269	0.809	ug/kg	0.708	1					
1,2-Dichloropropane	U	ND	0.269	0.809	ug/kg	0.708	1					
1,3-Dichlorobenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
1,4-Dichlorobenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
1,4-Dioxane	U	ND	13.5	40.4	ug/kg	0.708	1					
2-Butanone	U	ND	1.35	4.04	ug/kg	0.708	1					
2-Hexanone	U	ND	1.35	4.04	ug/kg	0.708	1					
4-Methyl-2-pentanone	U	ND	1.35	4.04	ug/kg	0.708	1					
Acetone		9.14	1.35	4.04	ug/kg	0.708	1					
Benzene	U	ND	0.269	0.809	ug/kg	0.708	1					
Bromochloromethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Bromodichloromethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Bromoform	U	ND	0.269	0.809	ug/kg	0.708	1					
Bromomethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Carbon disulfide	U	ND	1.35	4.04	ug/kg	0.708	1					
Carbon tetrachloride	U	ND	0.269	0.809	ug/kg	0.708	1					
Chlorobenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
Chloroethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Chloroform	U	ND	0.269	0.809	ug/kg	0.708	1					
Chloromethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Cyclohexane	U	ND	0.269	0.809	ug/kg	0.708	1					
Dibromochloromethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Dichlorodifluoromethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Ethylbenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
Isopropylbenzene	U	ND	0.269	0.809	ug/kg	0.708	1					
Methyl acetate	U	ND	1.35	4.04	ug/kg	0.708	1					
Methylcyclohexane	U	ND	0.269	0.809	ug/kg	0.708	1					
Methylene chloride	U	ND	1.35	4.04	ug/kg	0.708	1					
Styrene	U	ND	0.269	0.809	ug/kg	0.708	1					
Tetrachloroethylene	U	ND	0.269	0.809	ug/kg	0.708	1					
Toluene	U	ND	0.269	0.809	ug/kg	0.708	1					
Trichloroethylene	U	ND	0.269	0.809	ug/kg	0.708	1					
Trichlorofluoromethane	U	ND	0.269	0.809	ug/kg	0.708	1					
Trichlorotrifluoroethane	U	ND	1.35	4.04	ug/kg	0.708	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-34-2.5	Project:	RVDE00226C
Sample ID:	779753007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.269	0.809	ug/kg	0.708	1					
cis-1,2-Dichloroethylene	U	ND	0.269	0.809	ug/kg	0.708	1					
cis-1,3-Dichloropropylene	U	ND	0.269	0.809	ug/kg	0.708	1					
m,p-Xylenes	U	ND	0.539	1.62	ug/kg	0.708	1					
o-Xylene	U	ND	0.269	0.809	ug/kg	0.708	1					
tert-Butyl methyl ether	U	ND	0.269	0.809	ug/kg	0.708	1					
trans-1,2-Dichloroethylene	U	ND	0.269	0.809	ug/kg	0.708	1					
trans-1,3-Dichloropropylene	U	ND	0.269	0.809	ug/kg	0.708	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 5035	5035 Prep	CO1	06/02/26	1100	3012872
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3546/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	835 ug/kg	1890	44	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	931 ug/kg	1890	49	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	1890	56	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1880 ug/kg	3780	50	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2040 ug/kg	3780	54	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1430 ug/kg	3780	38	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	38.6 ug/kg	50.0	96	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-34-2.5	Project:	RVDE00226C
Sample ID:	779753007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Bromofluorobenzene		SW846 8260 TCL Volatiles "Dry Weight Corrected"		40.3	ug/kg	50.0		100	(67%-136%)		
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		37.5	ug/kg	50.0		93	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-5.0
Sample ID: 779753008
Matrix: Soil
Collect Date: 02-JUN-26 13:15
Receive Date: 03-JUN-26
Collector: Client
Moisture: 11.9%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.98	26.8	ug/kg	118	1	JP2	06/09/26	1056	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		237000	6670	19600	ug/kg	86.5	1	EM2	06/09/26	1300	3005499	2
Antimony	U	ND	324	1960	ug/kg	86.5	1					
Arsenic	U	ND	491	2940	ug/kg	86.5	1					
Barium		1130	98.2	491	ug/kg	86.5	1					
Beryllium	U	ND	98.2	491	ug/kg	86.5	1					
Cadmium	U	ND	98.2	491	ug/kg	86.5	1					
Calcium		187000	7850	24500	ug/kg	86.5	1					
Chromium	J	921	147	982	ug/kg	86.5	1					
Cobalt	U	ND	147	491	ug/kg	86.5	1					
Copper	J	476	294	1960	ug/kg	86.5	1					
Iron		416000	7850	24500	ug/kg	86.5	1					
Lead	J	449	324	1960	ug/kg	86.5	1					
Magnesium	J	28700	8340	29400	ug/kg	86.5	1					
Manganese		5030	196	982	ug/kg	86.5	1					
Nickel	J	317	147	491	ug/kg	86.5	1					
Potassium		29900	6280	24500	ug/kg	86.5	1					
Selenium	U	ND	491	2940	ug/kg	86.5	1					
Silver	U	ND	98.2	491	ug/kg	86.5	1					
Sodium	J	10100	6870	24500	ug/kg	86.5	1					
Thallium	U	ND	491	1960	ug/kg	86.5	1					
Vanadium		634	98.2	491	ug/kg	86.5	1					
Zinc	J	1350	393	1960	ug/kg	86.5	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	373	ug/kg	0.0329	1	BM1	06/10/26	2151	3008433	3
1,2,4,5-Tetrachlorobenzene	U	ND	112	373	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	373	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	112	373	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	112	373	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	112	373	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	112	373	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	112	746	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-5.0 Project: RVDE00226C
Sample ID: 779753008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	373	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	112	373	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.2	37.3	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	112	373	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	373	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	11.2	37.3	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	112	373	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	112	373	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	112	373	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	149	373	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	112	373	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	112	373	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	112	373	ug/kg	0.0329	1					
Acenaphthene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Acenaphthylene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Acetophenone	U	ND	112	373	ug/kg	0.0329	1					
Anthracene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Atrazine	U	ND	149	373	ug/kg	0.0329	1					
Benzaldehyde	U	ND	112	373	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	11.2	37.3	ug/kg	0.0329	1					
Carbazole	U	ND	11.2	37.3	ug/kg	0.0329	1					
Chrysene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.2	37.3	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.2	37.3	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Dibenzofuran	U	ND	112	373	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.2	37.3	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.2	37.3	ug/kg	0.0329	1					
Diphenylamine	U	ND	112	373	ug/kg	0.0329	1					
Fluoranthene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Fluorene	U	ND	11.2	37.3	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-5.0 Project: RVDE00226C
Sample ID: 779753008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	373	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	112	373	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	112	373	ug/kg	0.0329	1					
Hexachloroethane	U	ND	112	373	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Isophorone	U	ND	112	373	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	112	373	ug/kg	0.0329	1					
Naphthalene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Nitrobenzene	U	ND	112	373	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	112	373	ug/kg	0.0329	1					
Phenanthrene	U	ND	11.2	37.3	ug/kg	0.0329	1					
Phenol	U	ND	112	373	ug/kg	0.0329	1					
Pyrene	U	ND	11.2	37.3	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	373	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	112	373	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	112	373	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.2	37.3	ug/kg	0.0329	1					
m,p-Cresols	U	ND	112	373	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	112	373	ug/kg	0.0329	1					
o-Cresol	U	ND	112	373	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	123	373	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	112	373	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.129	0.324	mg/kg	28.5	1	BR2	06/16/26	1317	3009991	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-12-5.0	Project:	RVDE00226C
Sample ID:	779753008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	966 ug/kg	1860	52	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	952 ug/kg	1860	51	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1130 ug/kg	1860	60	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2350 ug/kg	3730	63	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2350 ug/kg	3730	63	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	1880 ug/kg	3730	50	(20%-130%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-7.0
Sample ID: 779753009
Matrix: Soil
Collect Date: 02-JUN-26 13:20
Receive Date: 03-JUN-26
Collector: Client
Moisture: 11.3%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.59	25.6	ug/kg	114	1	JP2	06/09/26	1057	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4370000	6650	19500	ug/kg	86.7	1	EM2	06/09/26	1304	3005499	2
Antimony	U	ND	322	1950	ug/kg	86.7	1					
Arsenic	J	1480	489	2930	ug/kg	86.7	1					
Barium		14000	97.7	489	ug/kg	86.7	1					
Beryllium	J	117	97.7	489	ug/kg	86.7	1					
Cadmium	U	ND	97.7	489	ug/kg	86.7	1					
Calcium		308000	7820	24400	ug/kg	86.7	1					
Chromium		5470	147	977	ug/kg	86.7	1					
Cobalt		525	147	489	ug/kg	86.7	1					
Copper	J	1180	293	1950	ug/kg	86.7	1					
Iron		3060000	7820	24400	ug/kg	86.7	1					
Lead		3650	322	1950	ug/kg	86.7	1					
Magnesium		122000	8310	29300	ug/kg	86.7	1					
Manganese		8380	195	977	ug/kg	86.7	1					
Nickel		1250	147	489	ug/kg	86.7	1					
Potassium		209000	6250	24400	ug/kg	86.7	1					
Selenium	J	759	489	2930	ug/kg	86.7	1					
Silver	U	ND	97.7	489	ug/kg	86.7	1					
Sodium		105000	6840	24400	ug/kg	86.7	1					
Thallium	U	ND	489	1950	ug/kg	86.7	1					
Vanadium		7670	97.7	489	ug/kg	86.7	1					
Zinc		3460	391	1950	ug/kg	86.7	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	373	ug/kg	0.0330	1	BM1	06/10/26	2213	3008433	3
1,2,4,5-Tetrachlorobenzene	U	ND	112	373	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	373	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	112	373	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	112	373	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	112	373	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	112	373	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	112	745	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-7.0 Project: RVDE00226C
Sample ID: 779753009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	373	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	112	373	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	11.2	37.3	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	112	373	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	373	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	11.2	37.3	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	112	373	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	112	373	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	112	373	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	149	373	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	112	373	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	112	373	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	112	373	ug/kg	0.0330	1					
Acenaphthene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Acenaphthylene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Acetophenone	U	ND	112	373	ug/kg	0.0330	1					
Anthracene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Atrazine	U	ND	149	373	ug/kg	0.0330	1					
Benzaldehyde	U	ND	112	373	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	11.2	37.3	ug/kg	0.0330	1					
Carbazole	U	ND	11.2	37.3	ug/kg	0.0330	1					
Chrysene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	11.2	37.3	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	11.2	37.3	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Dibenzofuran	U	ND	112	373	ug/kg	0.0330	1					
Diethylphthalate	U	ND	11.2	37.3	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	11.2	37.3	ug/kg	0.0330	1					
Diphenylamine	U	ND	112	373	ug/kg	0.0330	1					
Fluoranthene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Fluorene	U	ND	11.2	37.3	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-7.0 Project: RVDE00226C
Sample ID: 779753009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	373	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	112	373	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	112	373	ug/kg	0.0330	1					
Hexachloroethane	U	ND	112	373	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Isophorone	U	ND	112	373	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	112	373	ug/kg	0.0330	1					
Naphthalene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Nitrobenzene	U	ND	112	373	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	112	373	ug/kg	0.0330	1					
Phenanthrene	U	ND	11.2	37.3	ug/kg	0.0330	1					
Phenol	U	ND	112	373	ug/kg	0.0330	1					
Pyrene	U	ND	11.2	37.3	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	373	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	112	373	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	112	373	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.2	37.3	ug/kg	0.0330	1					
m,p-Cresols	U	ND	112	373	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	112	373	ug/kg	0.0330	1					
o-Cresol	U	ND	112	373	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	123	373	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	112	373	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.128	0.320	mg/kg	28.3	1	BR2	06/16/26	1317	3009991	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.259	0.779	ug/kg	0.691	1	CO1	06/16/26	1746	3012880	5
1,1,2,2-Tetrachloroethane	U	ND	0.259	0.779	ug/kg	0.691	1					
1,1,2-Trichloroethane	U	ND	0.259	0.779	ug/kg	0.691	1					
1,1-Dichloroethane	U	ND	0.259	0.779	ug/kg	0.691	1					
1,1-Dichloroethylene	U	ND	0.259	0.779	ug/kg	0.691	1					
1,2,3-Trichlorobenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
1,2,4-Trichlorobenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
1,2-Dibromo-3-chloropropane	U	ND	0.389	0.779	ug/kg	0.691	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-7.0 Project: RVDE00226C
Sample ID: 779753009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.259	0.779	ug/kg	0.691	1					
1,2-Dichlorobenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
1,2-Dichloroethane	U	ND	0.259	0.779	ug/kg	0.691	1					
1,2-Dichloropropane	U	ND	0.259	0.779	ug/kg	0.691	1					
1,3-Dichlorobenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
1,4-Dichlorobenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
1,4-Dioxane	U	ND	13.0	38.9	ug/kg	0.691	1					
2-Butanone		7.55	1.30	3.89	ug/kg	0.691	1					
2-Hexanone	U	ND	1.30	3.89	ug/kg	0.691	1					
4-Methyl-2-pentanone	U	ND	1.30	3.89	ug/kg	0.691	1					
Acetone		39.5	1.30	3.89	ug/kg	0.691	1					
Benzene	U	ND	0.259	0.779	ug/kg	0.691	1					
Bromochloromethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Bromodichloromethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Bromoform	U	ND	0.259	0.779	ug/kg	0.691	1					
Bromomethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Carbon disulfide	U	ND	1.30	3.89	ug/kg	0.691	1					
Carbon tetrachloride	U	ND	0.259	0.779	ug/kg	0.691	1					
Chlorobenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
Chloroethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Chloroform	U	ND	0.259	0.779	ug/kg	0.691	1					
Chloromethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Cyclohexane	J	0.327	0.259	0.779	ug/kg	0.691	1					
Dibromochloromethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Dichlorodifluoromethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Ethylbenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
Isopropylbenzene	U	ND	0.259	0.779	ug/kg	0.691	1					
Methyl acetate	U	ND	1.30	3.89	ug/kg	0.691	1					
Methylcyclohexane	J	0.319	0.259	0.779	ug/kg	0.691	1					
Methylene chloride	U	ND	1.30	3.89	ug/kg	0.691	1					
Styrene	U	ND	0.259	0.779	ug/kg	0.691	1					
Tetrachloroethylene	U	ND	0.259	0.779	ug/kg	0.691	1					
Toluene	U	ND	0.259	0.779	ug/kg	0.691	1					
Trichloroethylene	U	ND	0.259	0.779	ug/kg	0.691	1					
Trichlorofluoromethane	U	ND	0.259	0.779	ug/kg	0.691	1					
Trichlorotrifluoroethane	U	ND	1.30	3.89	ug/kg	0.691	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-12-7.0 Project: RVDE00226C
Sample ID: 779753009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.259	0.779	ug/kg	0.691	1					
cis-1,2-Dichloroethylene	U	ND	0.259	0.779	ug/kg	0.691	1					
cis-1,3-Dichloropropylene	U	ND	0.259	0.779	ug/kg	0.691	1					
m,p-Xylenes	U	ND	0.520	1.56	ug/kg	0.691	1					
o-Xylene	J	0.763	0.259	0.779	ug/kg	0.691	1					
tert-Butyl methyl ether	U	ND	0.259	0.779	ug/kg	0.691	1					
trans-1,2-Dichloroethylene	U	ND	0.259	0.779	ug/kg	0.691	1					
trans-1,3-Dichloropropylene	U	ND	0.259	0.779	ug/kg	0.691	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	CO1	06/02/26	1320	3012872
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3546	Prep Method 3546 for Solid	DS5	06/10/26	1017	3008432

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	938 ug/kg	1860	50	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	956 ug/kg	1860	51	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1060 ug/kg	1860	57	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2240 ug/kg	3730	60	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2290 ug/kg	3730	61	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2380 ug/kg	3730	64	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	35.6 ug/kg	50.0	91	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	39.0 ug/kg	50.0	100	(67%-136%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	35.6 ug/kg	50.0	92	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-12-7.0	Project:	RVDE00226C
Sample ID:	779753009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-4.0
Sample ID: 779753010
Matrix: Soil
Collect Date: 02-JUN-26 13:50
Receive Date: 03-JUN-26
Collector: Client
Moisture: 21%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	9.32	27.8	ug/kg	110	1	JP2	06/09/26	1059	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3760000	8410	24700	ug/kg	97.7	1	EM2	06/09/26	1312	3005499	2
Antimony	U	ND	408	2470	ug/kg	97.7	1					
Arsenic	J	2010	618	3710	ug/kg	97.7	1					
Barium		13400	124	618	ug/kg	97.7	1					
Beryllium	J	202	124	618	ug/kg	97.7	1					
Cadmium	U	ND	124	618	ug/kg	97.7	1					
Calcium		642000	9890	30900	ug/kg	97.7	1					
Chromium		5380	185	1240	ug/kg	97.7	1					
Cobalt		907	185	618	ug/kg	97.7	1					
Copper		4510	371	2470	ug/kg	97.7	1					
Iron		5120000	9890	30900	ug/kg	97.7	1					
Lead		6530	408	2470	ug/kg	97.7	1					
Magnesium		481000	10500	37100	ug/kg	97.7	1					
Manganese		29700	247	1240	ug/kg	97.7	1					
Nickel		1370	185	618	ug/kg	97.7	1					
Potassium		392000	7910	30900	ug/kg	97.7	1					
Selenium	U	ND	618	3710	ug/kg	97.7	1					
Silver	U	ND	124	618	ug/kg	97.7	1					
Sodium		136000	8650	30900	ug/kg	97.7	1					
Thallium	U	ND	618	2470	ug/kg	97.7	1					
Vanadium		9170	124	618	ug/kg	97.7	1					
Zinc		10200	494	2470	ug/kg	97.7	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	125	418	ug/kg	0.0330	1	NM1	06/10/26	1828	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	125	418	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	125	418	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	125	418	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	125	418	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	125	418	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	125	418	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	125	836	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-4.0 Project: RVDE00226C
Sample ID: 779753010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	125	418	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	125	418	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	12.5	41.8	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	125	418	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	125	418	ug/kg	0.0330	1					
2-Methylnaphthalene		94.9	12.5	41.8	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	125	418	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	125	418	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	125	418	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	167	418	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	125	418	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	125	418	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	125	418	ug/kg	0.0330	1					
Acenaphthene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Acenaphthylene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Acetophenone	U	ND	125	418	ug/kg	0.0330	1					
Anthracene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Atrazine	U	ND	167	418	ug/kg	0.0330	1					
Benzaldehyde	U	ND	125	418	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	12.5	41.8	ug/kg	0.0330	1					
Carbazole	U	ND	12.5	41.8	ug/kg	0.0330	1					
Chrysene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	12.5	41.8	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	12.5	41.8	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Dibenzofuran	U	ND	125	418	ug/kg	0.0330	1					
Diethylphthalate	U	ND	12.5	41.8	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	12.5	41.8	ug/kg	0.0330	1					
Diphenylamine	U	ND	125	418	ug/kg	0.0330	1					
Fluoranthene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Fluorene	U	ND	12.5	41.8	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-4.0 Project: RVDE00226C
Sample ID: 779753010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	125	418	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	125	418	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	125	418	ug/kg	0.0330	1					
Hexachloroethane	U	ND	125	418	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Isophorone	U	ND	125	418	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	125	418	ug/kg	0.0330	1					
Naphthalene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Nitrobenzene	U	ND	125	418	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	125	418	ug/kg	0.0330	1					
Phenanthrene	U	ND	12.5	41.8	ug/kg	0.0330	1					
Phenol	U	ND	125	418	ug/kg	0.0330	1					
Pyrene		51.9	12.5	41.8	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	125	418	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	125	418	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	125	418	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.5	41.8	ug/kg	0.0330	1					
m,p-Cresols	U	ND	125	418	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	125	418	ug/kg	0.0330	1					
o-Cresol	U	ND	125	418	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	138	418	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	125	418	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.202	0.505	mg/kg	39.9	1	BR2	06/16/26	1317	3009991	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-13-4.0	Project:	RVDE00226C
Sample ID:	779753010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1330 ug/kg	2090	64	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1420 ug/kg	2090	68	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1570 ug/kg	2090	75	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2810 ug/kg	4180	67	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2940 ug/kg	4180	70	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3020 ug/kg	4180	72	(20%-130%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-6.0
Sample ID: 779753011
Matrix: Soil
Collect Date: 02-JUN-26 13:55
Receive Date: 03-JUN-26
Collector: Client
Moisture: 18.6%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	16.8	9.14	27.3	ug/kg	111	1	JP2	06/09/26	1101	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		4770000	7440	21900	ug/kg	89.1	1	EM2	06/09/26	1315	3005499	2
Antimony	U	ND	361	2190	ug/kg	89.1	1					
Arsenic		3940	547	3280	ug/kg	89.1	1					
Barium		21500	109	547	ug/kg	89.1	1					
Beryllium	J	169	109	547	ug/kg	89.1	1					
Cadmium	U	ND	109	547	ug/kg	89.1	1					
Calcium		929000	8760	27400	ug/kg	89.1	1					
Chromium		13300	164	1090	ug/kg	89.1	1					
Cobalt		1250	164	547	ug/kg	89.1	1					
Copper		7110	328	2190	ug/kg	89.1	1					
Iron		6500000	8760	27400	ug/kg	89.1	1					
Lead		12600	361	2190	ug/kg	89.1	1					
Magnesium		283000	9310	32800	ug/kg	89.1	1					
Manganese		22600	219	1090	ug/kg	89.1	1					
Nickel		1670	164	547	ug/kg	89.1	1					
Potassium		285000	7010	27400	ug/kg	89.1	1					
Selenium	J	1160	547	3280	ug/kg	89.1	1					
Silver	U	ND	109	547	ug/kg	89.1	1					
Sodium		58300	7660	27400	ug/kg	89.1	1					
Thallium	U	ND	547	2190	ug/kg	89.1	1					
Vanadium		14800	109	547	ug/kg	89.1	1					
Zinc		8200	438	2190	ug/kg	89.1	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	J	225	123	409	ug/kg	0.0333	1	NM1	06/10/26	1850	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	123	409	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	123	409	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	123	409	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	123	409	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	123	409	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	123	409	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	123	818	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-6.0 Project: RVDE00226C
Sample ID: 779753011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	123	409	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	123	409	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	12.3	40.9	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	123	409	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	123	409	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	123	409	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	123	409	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	123	409	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	164	409	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	123	409	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	123	409	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	123	409	ug/kg	0.0333	1					
Acenaphthene		564	12.3	40.9	ug/kg	0.0333	1					
Acenaphthylene	U	ND	12.3	40.9	ug/kg	0.0333	1					
Acetophenone	U	ND	123	409	ug/kg	0.0333	1					
Anthracene		1020	12.3	40.9	ug/kg	0.0333	1					
Atrazine	U	ND	164	409	ug/kg	0.0333	1					
Benzaldehyde	U	ND	123	409	ug/kg	0.0333	1					
Benzo(a)anthracene		770	12.3	40.9	ug/kg	0.0333	1					
Benzo(a)pyrene		141	12.3	40.9	ug/kg	0.0333	1					
Benzo(b)fluoranthene		299	12.3	40.9	ug/kg	0.0333	1					
Benzo(ghi)perylene	J	36.4	12.3	40.9	ug/kg	0.0333	1					
Benzo(k)fluoranthene		88.7	12.3	40.9	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	12.3	40.9	ug/kg	0.0333	1					
Carbazole		377	12.3	40.9	ug/kg	0.0333	1					
Chrysene		732	12.3	40.9	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	12.3	40.9	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	12.3	40.9	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	J	13.1	12.3	40.9	ug/kg	0.0333	1					
Dibenzofuran		1010	123	409	ug/kg	0.0333	1					
Diethylphthalate	U	ND	12.3	40.9	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	12.3	40.9	ug/kg	0.0333	1					
Diphenylamine	U	ND	123	409	ug/kg	0.0333	1					
Fluorene		1570	12.3	40.9	ug/kg	0.0333	1					
Hexachlorobenzene	U	ND	123	409	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	123	409	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-6.0 Project: RVDE00226C
Sample ID: 779753011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorocyclopentadiene	U	ND	123	409	ug/kg	0.0333	1					
Hexachloroethane	U	ND	123	409	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene		43.3	12.3	40.9	ug/kg	0.0333	1					
Isophorone	U	ND	123	409	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	123	409	ug/kg	0.0333	1					
Naphthalene		1290	12.3	40.9	ug/kg	0.0333	1					
Nitrobenzene	U	ND	123	409	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	123	409	ug/kg	0.0333	1					
Phenol	U	ND	123	409	ug/kg	0.0333	1					
Pyrene		3820	12.3	40.9	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	123	409	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	123	409	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	123	409	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	12.3	40.9	ug/kg	0.0333	1					
m,p-Cresols	U	ND	123	409	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	123	409	ug/kg	0.0333	1					
o-Cresol	U	ND	123	409	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	135	409	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	123	409	ug/kg	0.0333	1					
2-Methylnaphthalene		8690	123	409	ug/kg	0.0333	10	NM1	06/11/26	1650	3008431	4
Fluoranthene		6210	123	409	ug/kg	0.0333	10					
Phenanthrene		8060	123	409	ug/kg	0.0333	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.128	0.319	mg/kg	26.0	1	BR2	06/16/26	1317	3009991	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.300	0.901	ug/kg	0.734	1	CO1	06/16/26	1540	3012880	6
1,1,2,2-Tetrachloroethane	U	ND	0.300	0.901	ug/kg	0.734	1					
1,1,2-Trichloroethane	U	ND	0.300	0.901	ug/kg	0.734	1					
1,1-Dichloroethane	U	ND	0.300	0.901	ug/kg	0.734	1					
1,1-Dichloroethylene	U	ND	0.300	0.901	ug/kg	0.734	1					
1,2,3-Trichlorobenzene	U	ND	0.300	0.901	ug/kg	0.734	1					
1,2,4-Trichlorobenzene	U	ND	0.300	0.901	ug/kg	0.734	1					
1,2-Dibromo-3-chloropropane	U	ND	0.451	0.901	ug/kg	0.734	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-6.0 Project: RVDE00226C
Sample ID: 779753011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.300	0.901	ug/kg	0.734	1					
1,2-Dichlorobenzene	U	ND	0.300	0.901	ug/kg	0.734	1					
1,2-Dichloroethane	U	ND	0.300	0.901	ug/kg	0.734	1					
1,2-Dichloropropane	U	ND	0.300	0.901	ug/kg	0.734	1					
1,3-Dichlorobenzene	U	ND	0.300	0.901	ug/kg	0.734	1					
1,4-Dichlorobenzene	U	ND	0.300	0.901	ug/kg	0.734	1					
1,4-Dioxane	U	ND	15.0	45.1	ug/kg	0.734	1					
2-Butanone	J	2.43	1.50	4.51	ug/kg	0.734	1					
2-Hexanone	U	ND	1.50	4.51	ug/kg	0.734	1					
4-Methyl-2-pentanone	U	ND	1.50	4.51	ug/kg	0.734	1					
Acetone		33.7	1.50	4.51	ug/kg	0.734	1					
Benzene	J	0.343	0.300	0.901	ug/kg	0.734	1					
Bromochloromethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Bromodichloromethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Bromoform	U	ND	0.300	0.901	ug/kg	0.734	1					
Bromomethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Carbon disulfide	U	ND	1.50	4.51	ug/kg	0.734	1					
Carbon tetrachloride	U	ND	0.300	0.901	ug/kg	0.734	1					
Chlorobenzene	U	ND	0.300	0.901	ug/kg	0.734	1					
Chloroethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Chloroform	U	ND	0.300	0.901	ug/kg	0.734	1					
Chloromethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Cyclohexane	U	ND	0.300	0.901	ug/kg	0.734	1					
Dibromochloromethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Dichlorodifluoromethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Ethylbenzene		6.58	0.300	0.901	ug/kg	0.734	1					
Isopropylbenzene		6.20	0.300	0.901	ug/kg	0.734	1					
Methyl acetate		4.76	1.50	4.51	ug/kg	0.734	1					
Methylcyclohexane		1.27	0.300	0.901	ug/kg	0.734	1					
Methylene chloride	U	ND	1.50	4.51	ug/kg	0.734	1					
Styrene	U	ND	0.300	0.901	ug/kg	0.734	1					
Tetrachloroethylene	U	ND	0.300	0.901	ug/kg	0.734	1					
Toluene	U	ND	0.300	0.901	ug/kg	0.734	1					
Trichloroethylene	U	ND	0.300	0.901	ug/kg	0.734	1					
Trichlorofluoromethane	U	ND	0.300	0.901	ug/kg	0.734	1					
Trichlorotrifluoroethane	U	ND	1.50	4.51	ug/kg	0.734	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-13-6.0 Project: RVDE00226C
Sample ID: 779753011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.300	0.901	ug/kg	0.734	1					
cis-1,2-Dichloroethylene	U	ND	0.300	0.901	ug/kg	0.734	1					
cis-1,3-Dichloropropylene	U	ND	0.300	0.901	ug/kg	0.734	1					
m,p-Xylenes		12.2	0.601	1.80	ug/kg	0.734	1					
o-Xylene		5.89	0.300	0.901	ug/kg	0.734	1					
tert-Butyl methyl ether	U	ND	0.300	0.901	ug/kg	0.734	1					
trans-1,2-Dichloroethylene	U	ND	0.300	0.901	ug/kg	0.734	1					
trans-1,3-Dichloropropylene	U	ND	0.300	0.901	ug/kg	0.734	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1541	3009987
SW846 5035	5035 Prep	CO1	06/02/26	1355	3012872

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 3546/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	2040	68	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1400 ug/kg	2040	69	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1570 ug/kg	2040	77	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2890 ug/kg	4090	71	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2970 ug/kg	4090	73	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3120 ug/kg	4090	76	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	43.8 ug/kg	50.0	97	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	43.1 ug/kg	50.0	96	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-13-6.0	Project:	RVDE00226C
Sample ID:	779753011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		41.5	ug/kg	50.0		92	(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-10-3.0
Sample ID: 779753012
Matrix: Soil
Collect Date: 02-JUN-26 14:40
Receive Date: 03-JUN-26
Collector: Client
Moisture: 14.6%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		28.0	9.02	26.9	ug/kg	115	1	JP2	06/09/26	1106	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		5650000	6790	20000	ug/kg	85.3	1	EM2	06/09/26	1317	3005499	2
Antimony	J	683	330	2000	ug/kg	85.3	1					
Arsenic		3510	499	3000	ug/kg	85.3	1					
Barium		13200	99.9	499	ug/kg	85.3	1					
Beryllium	J	137	99.9	499	ug/kg	85.3	1					
Cadmium	U	ND	99.9	499	ug/kg	85.3	1					
Calcium		1300000	7990	25000	ug/kg	85.3	1					
Chromium		9600	150	999	ug/kg	85.3	1					
Cobalt		867	150	499	ug/kg	85.3	1					
Copper		4890	300	2000	ug/kg	85.3	1					
Iron		14900000	7990	25000	ug/kg	85.3	1					
Lead		14500	330	2000	ug/kg	85.3	1					
Magnesium		403000	8490	30000	ug/kg	85.3	1					
Manganese		164000	200	999	ug/kg	85.3	1					
Nickel		897	150	499	ug/kg	85.3	1					
Potassium		506000	6390	25000	ug/kg	85.3	1					
Selenium	J	721	499	3000	ug/kg	85.3	1					
Silver	U	ND	99.9	499	ug/kg	85.3	1					
Sodium		66300	6990	25000	ug/kg	85.3	1					
Thallium	U	ND	499	2000	ug/kg	85.3	1					
Vanadium		22900	99.9	499	ug/kg	85.3	1					
Zinc		17200	400	2000	ug/kg	85.3	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	116	385	ug/kg	0.0329	1	NM1	06/11/26	1711	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	116	385	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	116	385	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	116	385	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	116	385	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	116	385	ug/kg	0.0329	1					
2,4-Dimethylphenol		446	116	385	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	116	770	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-10-3.0 Project: RVDE00226C
Sample ID: 779753012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	116	385	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	116	385	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.6	38.5	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	116	385	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	116	385	ug/kg	0.0329	1					
2-Methylnaphthalene		118	11.6	38.5	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	116	385	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	116	385	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	116	385	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	154	385	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	116	385	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	116	385	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	116	385	ug/kg	0.0329	1					
Acenaphthene	U	ND	11.6	38.5	ug/kg	0.0329	1					
Acenaphthylene	U	ND	11.6	38.5	ug/kg	0.0329	1					
Acetophenone	U	ND	116	385	ug/kg	0.0329	1					
Anthracene	J	21.9	11.6	38.5	ug/kg	0.0329	1					
Atrazine	U	ND	154	385	ug/kg	0.0329	1					
Benzaldehyde	U	ND	116	385	ug/kg	0.0329	1					
Benzo(a)anthracene	J	30.4	11.6	38.5	ug/kg	0.0329	1					
Benzo(a)pyrene	J	25.0	11.6	38.5	ug/kg	0.0329	1					
Benzo(b)fluoranthene		52.4	11.6	38.5	ug/kg	0.0329	1					
Benzo(ghi)perylene	J	25.4	11.6	38.5	ug/kg	0.0329	1					
Benzo(k)fluoranthene	J	12.3	11.6	38.5	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	11.6	38.5	ug/kg	0.0329	1					
Carbazole	U	ND	11.6	38.5	ug/kg	0.0329	1					
Chrysene		43.9	11.6	38.5	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.6	38.5	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.6	38.5	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	11.6	38.5	ug/kg	0.0329	1					
Dibenzofuran	U	ND	116	385	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.6	38.5	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.6	38.5	ug/kg	0.0329	1					
Diphenylamine	U	ND	116	385	ug/kg	0.0329	1					
Fluoranthene		74.7	11.6	38.5	ug/kg	0.0329	1					
Fluorene	J	16.2	11.6	38.5	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-10-3.0 Project: RVDE00226C
Sample ID: 779753012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	116	385	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	116	385	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	116	385	ug/kg	0.0329	1					
Hexachloroethane	U	ND	116	385	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	J	21.9	11.6	38.5	ug/kg	0.0329	1					
Isophorone	U	ND	116	385	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	116	385	ug/kg	0.0329	1					
Naphthalene		114	11.6	38.5	ug/kg	0.0329	1					
Nitrobenzene	U	ND	116	385	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	116	385	ug/kg	0.0329	1					
Phenanthrene		129	11.6	38.5	ug/kg	0.0329	1					
Phenol	U	ND	116	385	ug/kg	0.0329	1					
Pyrene		67.8	11.6	38.5	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	116	385	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	116	385	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	116	385	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.6	38.5	ug/kg	0.0329	1					
m,p-Cresols	U	ND	116	385	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	116	385	ug/kg	0.0329	1					
o-Cresol	U	ND	116	385	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	127	385	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	116	385	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.142	0.354	mg/kg	30.3	1	BR2	06/17/26	1243	3010760	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1241	3010759
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-10-3.0	Project:	RVDE00226C
Sample ID:	779753012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1310 ug/kg	1930	68	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1390 ug/kg	1930	72	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1470 ug/kg	1930	76	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2760 ug/kg	3850	72	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2800 ug/kg	3850	73	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2960 ug/kg	3850	77	(20%-130%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-10-5.0
Sample ID: 779753013
Matrix: Soil
Collect Date: 02-JUN-26 14:45
Receive Date: 03-JUN-26
Collector: Client
Moisture: 13.1%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.29	24.8	ug/kg	108	1	JP2	06/09/26	1108	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1520000	7300	21500	ug/kg	93.3	1	EM2	06/09/26	1320	3005499	2
Antimony	U	ND	354	2150	ug/kg	93.3	1					
Arsenic	J	1180	537	3220	ug/kg	93.3	1					
Barium		6590	107	537	ug/kg	93.3	1					
Beryllium	U	ND	107	537	ug/kg	93.3	1					
Cadmium	U	ND	107	537	ug/kg	93.3	1					
Calcium		506000	8590	26800	ug/kg	93.3	1					
Chromium		1790	161	1070	ug/kg	93.3	1					
Cobalt	J	173	161	537	ug/kg	93.3	1					
Copper	J	1340	322	2150	ug/kg	93.3	1					
Iron		1270000	8590	26800	ug/kg	93.3	1					
Lead		5650	354	2150	ug/kg	93.3	1					
Magnesium		50300	9130	32200	ug/kg	93.3	1					
Manganese		6310	215	1070	ug/kg	93.3	1					
Nickel	J	463	161	537	ug/kg	93.3	1					
Potassium		124000	6870	26800	ug/kg	93.3	1					
Selenium	J	965	537	3220	ug/kg	93.3	1					
Silver	U	ND	107	537	ug/kg	93.3	1					
Sodium	J	24000	7520	26800	ug/kg	93.3	1					
Thallium	U	ND	537	2150	ug/kg	93.3	1					
Vanadium		3060	107	537	ug/kg	93.3	1					
Zinc		3120	430	2150	ug/kg	93.3	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	115	382	ug/kg	0.0332	1	NM1	06/10/26	1932	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	115	382	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	115	382	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	115	382	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	115	382	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	115	382	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	115	382	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	115	765	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-10-5.0 Project: RVDE00226C
Sample ID: 779753013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	115	382	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	115	382	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	11.5	38.2	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	115	382	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	115	382	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	11.5	38.2	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	115	382	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	115	382	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	115	382	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	153	382	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	115	382	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	115	382	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	115	382	ug/kg	0.0332	1					
Acenaphthene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Acenaphthylene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Acetophenone	U	ND	115	382	ug/kg	0.0332	1					
Anthracene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Atrazine	U	ND	153	382	ug/kg	0.0332	1					
Benzaldehyde	U	ND	115	382	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	11.5	38.2	ug/kg	0.0332	1					
Carbazole	U	ND	11.5	38.2	ug/kg	0.0332	1					
Chrysene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	11.5	38.2	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	11.5	38.2	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Dibenzofuran	U	ND	115	382	ug/kg	0.0332	1					
Diethylphthalate	U	ND	11.5	38.2	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	11.5	38.2	ug/kg	0.0332	1					
Diphenylamine	U	ND	115	382	ug/kg	0.0332	1					
Fluoranthene	J	21.4	11.5	38.2	ug/kg	0.0332	1					
Fluorene	U	ND	11.5	38.2	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-10-5.0 Project: RVDE00226C
Sample ID: 779753013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	115	382	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	115	382	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	115	382	ug/kg	0.0332	1					
Hexachloroethane	U	ND	115	382	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.5	38.2	ug/kg	0.0332	1					
Isophorone	U	ND	115	382	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	115	382	ug/kg	0.0332	1					
Naphthalene	J	34.8	11.5	38.2	ug/kg	0.0332	1					
Nitrobenzene	U	ND	115	382	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	115	382	ug/kg	0.0332	1					
Phenanthrene	J	27.5	11.5	38.2	ug/kg	0.0332	1					
Phenol	U	ND	115	382	ug/kg	0.0332	1					
Pyrene	J	18.7	11.5	38.2	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	115	382	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	115	382	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	115	382	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.5	38.2	ug/kg	0.0332	1					
m,p-Cresols	U	ND	115	382	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	115	382	ug/kg	0.0332	1					
o-Cresol	U	ND	115	382	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	126	382	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	115	382	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.123	0.0976	0.244	mg/kg	21.2	1	BR2	06/17/26	1243	3010760	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.416	1.25	ug/kg	1.09	1	CO1	06/16/26	1605	3012880	5
1,1,2,2-Tetrachloroethane	U	ND	0.416	1.25	ug/kg	1.09	1					
1,1,2-Trichloroethane	U	ND	0.416	1.25	ug/kg	1.09	1					
1,1-Dichloroethane	U	ND	0.416	1.25	ug/kg	1.09	1					
1,1-Dichloroethylene	U	ND	0.416	1.25	ug/kg	1.09	1					
1,2,3-Trichlorobenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
1,2,4-Trichlorobenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
1,2-Dibromo-3-chloropropane	U	ND	0.625	1.25	ug/kg	1.09	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-10-5.0 Project: RVDE00226C
Sample ID: 779753013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.416	1.25	ug/kg	1.09	1					
1,2-Dichlorobenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
1,2-Dichloroethane	U	ND	0.416	1.25	ug/kg	1.09	1					
1,2-Dichloropropane	U	ND	0.416	1.25	ug/kg	1.09	1					
1,3-Dichlorobenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
1,4-Dichlorobenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
1,4-Dioxane	U	ND	20.8	62.5	ug/kg	1.09	1					
2-Butanone	J	4.39	2.08	6.25	ug/kg	1.09	1					
2-Hexanone	U	ND	2.08	6.25	ug/kg	1.09	1					
4-Methyl-2-pentanone	U	ND	2.08	6.25	ug/kg	1.09	1					
Acetone		36.2	2.08	6.25	ug/kg	1.09	1					
Benzene	U	ND	0.416	1.25	ug/kg	1.09	1					
Bromochloromethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Bromodichloromethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Bromoform	U	ND	0.416	1.25	ug/kg	1.09	1					
Bromomethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Carbon disulfide	U	ND	2.08	6.25	ug/kg	1.09	1					
Carbon tetrachloride	U	ND	0.416	1.25	ug/kg	1.09	1					
Chlorobenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
Chloroethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Chloroform	U	ND	0.416	1.25	ug/kg	1.09	1					
Chloromethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Cyclohexane	U	ND	0.416	1.25	ug/kg	1.09	1					
Dibromochloromethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Dichlorodifluoromethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Ethylbenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
Isopropylbenzene	U	ND	0.416	1.25	ug/kg	1.09	1					
Methyl acetate	U	ND	2.08	6.25	ug/kg	1.09	1					
Methylcyclohexane	U	ND	0.416	1.25	ug/kg	1.09	1					
Methylene chloride	U	ND	2.08	6.25	ug/kg	1.09	1					
Styrene	U	ND	0.416	1.25	ug/kg	1.09	1					
Tetrachloroethylene	U	ND	0.416	1.25	ug/kg	1.09	1					
Toluene	U	ND	0.416	1.25	ug/kg	1.09	1					
Trichloroethylene	U	ND	0.416	1.25	ug/kg	1.09	1					
Trichlorofluoromethane	U	ND	0.416	1.25	ug/kg	1.09	1					
Trichlorotrifluoroethane	U	ND	2.08	6.25	ug/kg	1.09	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-10-5.0	Project:	RVDE00226C
Sample ID:	779753013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.416	1.25	ug/kg	1.09	1					
cis-1,2-Dichloroethylene	U	ND	0.416	1.25	ug/kg	1.09	1					
cis-1,3-Dichloropropylene	U	ND	0.416	1.25	ug/kg	1.09	1					
m,p-Xylenes	U	ND	0.834	2.50	ug/kg	1.09	1					
o-Xylene	U	ND	0.416	1.25	ug/kg	1.09	1					
tert-Butyl methyl ether	U	ND	0.416	1.25	ug/kg	1.09	1					
trans-1,2-Dichloroethylene	U	ND	0.416	1.25	ug/kg	1.09	1					
trans-1,3-Dichloropropylene	U	ND	0.416	1.25	ug/kg	1.09	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1241	3010759
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 5035	5035 Prep	CO1	06/02/26	1445	3012872

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1410 ug/kg	1910	74	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1480 ug/kg	1910	77	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1540 ug/kg	1910	81	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3090 ug/kg	3820	81	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3210 ug/kg	3820	84	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3310 ug/kg	3820	86	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	58.9 ug/kg	50.0	94	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	64.9 ug/kg	50.0	104	(67%-136%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	56.2 ug/kg	50.0	90	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-10-5.0	Project:	RVDE00226C
Sample ID:	779753013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-11-3.0	Project:	RVDE00226C
Sample ID:	779753014	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	02-JUN-26 16:10		
Receive Date:	03-JUN-26		
Collector:	Client		
Moisture:	25.8%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	25.9	10.6	31.6	ug/kg	117	1	JP2	06/09/26	1109	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Antimony	J	1320	414	2510	ug/kg	93.1	1	EM2	06/09/26	1323	3005499	2
Arsenic		5650	627	3760	ug/kg	93.1	1					
Barium		160000	125	627	ug/kg	93.1	1					
Beryllium	J	246	125	627	ug/kg	93.1	1					
Cadmium		2490	125	627	ug/kg	93.1	1					
Chromium		83700	188	1250	ug/kg	93.1	1					
Cobalt		2370	188	627	ug/kg	93.1	1					
Copper		51400	376	2510	ug/kg	93.1	1					
Iron		20400000	10000	31400	ug/kg	93.1	1					
Lead		211000	414	2510	ug/kg	93.1	1					
Magnesium		12400000	10700	37600	ug/kg	93.1	1					
Nickel		10800	188	627	ug/kg	93.1	1					
Potassium		490000	8030	31400	ug/kg	93.1	1					
Selenium	J	1690	627	3760	ug/kg	93.1	1					
Sodium		207000	8780	31400	ug/kg	93.1	1					
Thallium	U	ND	627	2510	ug/kg	93.1	1					
Vanadium		26000	125	627	ug/kg	93.1	1					
Aluminum		4830000	42700	125000	ug/kg	93.1	5	EM2	06/09/26	1419	3005499	3
Calcium		58500000	50200	157000	ug/kg	93.1	5					
Manganese		2480000	1250	6270	ug/kg	93.1	5					
Silver	U	ND	627	3140	ug/kg	93.1	5					
Zinc		1250000	2510	12500	ug/kg	93.1	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	134	448	ug/kg	0.0332	1	NM1	06/10/26	1953	3008431	4
1,2,4,5-Tetrachlorobenzene	U	ND	134	448	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	134	448	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	134	448	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	134	448	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	134	448	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	134	448	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	134	896	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-3.0 Project: RVDE00226C
Sample ID: 779753014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	134	448	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	134	448	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	13.4	44.8	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	134	448	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	134	448	ug/kg	0.0332	1					
2-Methylnaphthalene		67.6	13.4	44.8	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	134	448	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	134	448	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	134	448	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	179	448	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	134	448	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	134	448	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	134	448	ug/kg	0.0332	1					
Acenaphthene	U	ND	13.4	44.8	ug/kg	0.0332	1					
Acenaphthylene	U	ND	13.4	44.8	ug/kg	0.0332	1					
Acetophenone	U	ND	134	448	ug/kg	0.0332	1					
Anthracene	U	ND	13.4	44.8	ug/kg	0.0332	1					
Atrazine	U	ND	179	448	ug/kg	0.0332	1					
Benzaldehyde	U	ND	134	448	ug/kg	0.0332	1					
Benzo(a)anthracene	J	23.3	13.4	44.8	ug/kg	0.0332	1					
Benzo(a)pyrene	J	20.6	13.4	44.8	ug/kg	0.0332	1					
Benzo(b)fluoranthene	J	40.3	13.4	44.8	ug/kg	0.0332	1					
Benzo(ghi)perylene	J	20.1	13.4	44.8	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	13.4	44.8	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	13.4	44.8	ug/kg	0.0332	1					
Carbazole	U	ND	13.4	44.8	ug/kg	0.0332	1					
Chrysene	J	36.7	13.4	44.8	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	13.4	44.8	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	13.4	44.8	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	13.4	44.8	ug/kg	0.0332	1					
Dibenzofuran	U	ND	134	448	ug/kg	0.0332	1					
Diethylphthalate	U	ND	13.4	44.8	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	13.4	44.8	ug/kg	0.0332	1					
Diphenylamine	U	ND	134	448	ug/kg	0.0332	1					
Fluoranthene		55.5	13.4	44.8	ug/kg	0.0332	1					
Fluorene	U	ND	13.4	44.8	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-3.0 Project: RVDE00226C
Sample ID: 779753014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	134	448	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	134	448	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	134	448	ug/kg	0.0332	1					
Hexachloroethane	U	ND	134	448	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	17.9	13.4	44.8	ug/kg	0.0332	1					
Isophorone	U	ND	134	448	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	134	448	ug/kg	0.0332	1					
Naphthalene		53.3	13.4	44.8	ug/kg	0.0332	1					
Nitrobenzene	U	ND	134	448	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	134	448	ug/kg	0.0332	1					
Phenanthrene		70.7	13.4	44.8	ug/kg	0.0332	1					
Phenol	U	ND	134	448	ug/kg	0.0332	1					
Pyrene		49.7	13.4	44.8	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	134	448	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	134	448	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	134	448	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	J	39.9	13.4	44.8	ug/kg	0.0332	1					
m,p-Cresols	U	ND	134	448	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	134	448	ug/kg	0.0332	1					
o-Cresol	U	ND	134	448	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	148	448	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	134	448	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.163	0.407	mg/kg	30.2	1	BR2	06/17/26	1243	3010760	5

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1241	3010759
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-3.0 Project: RVDE00226C
Sample ID: 779753014 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3546/8270E	
5	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1610 ug/kg	2240	72	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1680 ug/kg	2240	75	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1800 ug/kg	2240	80	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1910 ug/kg	4480	43	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3470 ug/kg	4480	78	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2360 ug/kg	4480	53	(20%-130%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-6.0
Sample ID: 779753015
Matrix: Soil
Collect Date: 02-JUN-26 16:15
Receive Date: 03-JUN-26
Collector: Client
Moisture: 11.5%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	9.08	27.1	ug/kg	120	1	JP2	06/09/26	1111	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		1750000	7170	21100	ug/kg	93.3	1	EM2	06/09/26	1326	3005499	2
Antimony	U	ND	348	2110	ug/kg	93.3	1					
Arsenic	J	869	527	3160	ug/kg	93.3	1					
Barium		7990	105	527	ug/kg	93.3	1					
Beryllium	U	ND	105	527	ug/kg	93.3	1					
Cadmium	U	ND	105	527	ug/kg	93.3	1					
Calcium		159000	8430	26400	ug/kg	93.3	1					
Chromium		2230	158	1050	ug/kg	93.3	1					
Cobalt	J	185	158	527	ug/kg	93.3	1					
Copper	J	1450	316	2110	ug/kg	93.3	1					
Iron		1180000	8430	26400	ug/kg	93.3	1					
Lead		3970	348	2110	ug/kg	93.3	1					
Magnesium		51900	8960	31600	ug/kg	93.3	1					
Manganese		5810	211	1050	ug/kg	93.3	1					
Nickel		546	158	527	ug/kg	93.3	1					
Potassium		125000	6750	26400	ug/kg	93.3	1					
Selenium	U	ND	527	3160	ug/kg	93.3	1					
Silver	U	ND	105	527	ug/kg	93.3	1					
Sodium		37000	7380	26400	ug/kg	93.3	1					
Thallium	U	ND	527	2110	ug/kg	93.3	1					
Vanadium		3060	105	527	ug/kg	93.3	1					
Zinc	J	1970	422	2110	ug/kg	93.3	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	112	372	ug/kg	0.0329	1	NM1	06/10/26	2014	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	112	372	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	112	372	ug/kg	0.0329	1					
2,4-Dinitrophenol	U	ND	112	745	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-6.0 Project: RVDE00226C
Sample ID: 779753015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	112	372	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	112	372	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	11.2	37.2	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	112	372	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	112	372	ug/kg	0.0329	1					
2-Methylnaphthalene	U	ND	11.2	37.2	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	112	372	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	112	372	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	112	372	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	149	372	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	112	372	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	112	372	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	112	372	ug/kg	0.0329	1					
Acenaphthene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Acenaphthylene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Acetophenone	U	ND	112	372	ug/kg	0.0329	1					
Anthracene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Atrazine	U	ND	149	372	ug/kg	0.0329	1					
Benzaldehyde	U	ND	112	372	ug/kg	0.0329	1					
Benzo(a)anthracene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Benzo(a)pyrene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Benzo(b)fluoranthene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Benzo(ghi)perylene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Benzo(k)fluoranthene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Butylbenzylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Carbazole	U	ND	11.2	37.2	ug/kg	0.0329	1					
Chrysene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Dibenzofuran	U	ND	112	372	ug/kg	0.0329	1					
Diethylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
Diphenylamine	U	ND	112	372	ug/kg	0.0329	1					
Fluoranthene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Fluorene	U	ND	11.2	37.2	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-6.0 Project: RVDE00226C
Sample ID: 779753015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	112	372	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	112	372	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	112	372	ug/kg	0.0329	1					
Hexachloroethane	U	ND	112	372	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Isophorone	U	ND	112	372	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	112	372	ug/kg	0.0329	1					
Naphthalene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Nitrobenzene	U	ND	112	372	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	112	372	ug/kg	0.0329	1					
Phenanthrene	U	ND	11.2	37.2	ug/kg	0.0329	1					
Phenol	U	ND	112	372	ug/kg	0.0329	1					
Pyrene	U	ND	11.2	37.2	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	112	372	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	112	372	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	112	372	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.2	37.2	ug/kg	0.0329	1					
m,p-Cresols	U	ND	112	372	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	112	372	ug/kg	0.0329	1					
o-Cresol	U	ND	112	372	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	123	372	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	112	372	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.153	0.0993	0.248	mg/kg	22.0	1	BR2	06/17/26	1243	3010760	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.245	0.736	ug/kg	0.652	1	CO1	06/16/26	1630	3012880	5
1,1,2,2-Tetrachloroethane	U	ND	0.245	0.736	ug/kg	0.652	1					
1,1,2-Trichloroethane	U	ND	0.245	0.736	ug/kg	0.652	1					
1,1-Dichloroethane	U	ND	0.245	0.736	ug/kg	0.652	1					
1,1-Dichloroethylene	U	ND	0.245	0.736	ug/kg	0.652	1					
1,2,3-Trichlorobenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
1,2,4-Trichlorobenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
1,2-Dibromo-3-chloropropane	U	ND	0.368	0.736	ug/kg	0.652	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-6.0
Sample ID: 779753015
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.245	0.736	ug/kg	0.652	1					
1,2-Dichlorobenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
1,2-Dichloroethane	U	ND	0.245	0.736	ug/kg	0.652	1					
1,2-Dichloropropane	U	ND	0.245	0.736	ug/kg	0.652	1					
1,3-Dichlorobenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
1,4-Dichlorobenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
1,4-Dioxane	U	ND	12.3	36.8	ug/kg	0.652	1					
2-Butanone	J	2.39	1.23	3.68	ug/kg	0.652	1					
2-Hexanone	U	ND	1.23	3.68	ug/kg	0.652	1					
4-Methyl-2-pentanone	U	ND	1.23	3.68	ug/kg	0.652	1					
Acetone		37.9	1.23	3.68	ug/kg	0.652	1					
Benzene	U	ND	0.245	0.736	ug/kg	0.652	1					
Bromochloromethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Bromodichloromethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Bromoform	U	ND	0.245	0.736	ug/kg	0.652	1					
Bromomethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Carbon disulfide	U	ND	1.23	3.68	ug/kg	0.652	1					
Carbon tetrachloride	U	ND	0.245	0.736	ug/kg	0.652	1					
Chlorobenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
Chloroethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Chloroform	U	ND	0.245	0.736	ug/kg	0.652	1					
Chloromethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Cyclohexane	U	ND	0.245	0.736	ug/kg	0.652	1					
Dibromochloromethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Dichlorodifluoromethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Ethylbenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
Isopropylbenzene	U	ND	0.245	0.736	ug/kg	0.652	1					
Methyl acetate	U	ND	1.23	3.68	ug/kg	0.652	1					
Methylcyclohexane	U	ND	0.245	0.736	ug/kg	0.652	1					
Methylene chloride	U	ND	1.23	3.68	ug/kg	0.652	1					
Styrene	U	ND	0.245	0.736	ug/kg	0.652	1					
Tetrachloroethylene	U	ND	0.245	0.736	ug/kg	0.652	1					
Toluene	U	ND	0.245	0.736	ug/kg	0.652	1					
Trichloroethylene	U	ND	0.245	0.736	ug/kg	0.652	1					
Trichlorofluoromethane	U	ND	0.245	0.736	ug/kg	0.652	1					
Trichlorotrifluoroethane	U	ND	1.23	3.68	ug/kg	0.652	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-11-6.0 Project: RVDE00226C
Sample ID: 779753015 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.245	0.736	ug/kg	0.652	1					
cis-1,2-Dichloroethylene	U	ND	0.245	0.736	ug/kg	0.652	1					
cis-1,3-Dichloropropylene	U	ND	0.245	0.736	ug/kg	0.652	1					
m,p-Xylenes	U	ND	0.491	1.47	ug/kg	0.652	1					
o-Xylene	U	ND	0.245	0.736	ug/kg	0.652	1					
tert-Butyl methyl ether	U	ND	0.245	0.736	ug/kg	0.652	1					
trans-1,2-Dichloroethylene	U	ND	0.245	0.736	ug/kg	0.652	1					
trans-1,3-Dichloropropylene	U	ND	0.245	0.736	ug/kg	0.652	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1241	3010759
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 5035	5035 Prep	CO1	06/02/26	1615	3012872
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1460 ug/kg	1860	79	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1510 ug/kg	1860	81	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1650 ug/kg	1860	89	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3150 ug/kg	3720	85	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3240 ug/kg	3720	87	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3550 ug/kg	3720	95	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	33.9 ug/kg	50.0	92	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	37.4 ug/kg	50.0	102	(67%-136%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	31.9 ug/kg	50.0	87	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-11-6.0	Project:	RVDE00226C
Sample ID:	779753015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-2.0
Sample ID: 779753016
Matrix: Soil
Collect Date: 02-JUN-26 17:30
Receive Date: 03-JUN-26
Collector: Client
Moisture: 12.4%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		37.7	8.28	24.7	ug/kg	108	1	JP2	06/09/26	1113	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3670000	7400	21800	ug/kg	95.4	1	EM2	06/09/26	1329	3005499	2
Antimony	J	746	359	2180	ug/kg	95.4	1					
Arsenic	J	3020	544	3270	ug/kg	95.4	1					
Barium		26900	109	544	ug/kg	95.4	1					
Beryllium	J	119	109	544	ug/kg	95.4	1					
Cadmium	U	ND	109	544	ug/kg	95.4	1					
Calcium		4800000	8710	27200	ug/kg	95.4	1					
Chromium		6730	163	1090	ug/kg	95.4	1					
Cobalt		638	163	544	ug/kg	95.4	1					
Copper		8050	327	2180	ug/kg	95.4	1					
Iron		5980000	8710	27200	ug/kg	95.4	1					
Lead		28900	359	2180	ug/kg	95.4	1					
Magnesium		444000	9260	32700	ug/kg	95.4	1					
Manganese		70200	218	1090	ug/kg	95.4	1					
Nickel		1520	163	544	ug/kg	95.4	1					
Potassium		917000	6970	27200	ug/kg	95.4	1					
Selenium	J	723	544	3270	ug/kg	95.4	1					
Silver	U	ND	109	544	ug/kg	95.4	1					
Sodium		397000	7620	27200	ug/kg	95.4	1					
Thallium	U	ND	544	2180	ug/kg	95.4	1					
Vanadium		11000	109	544	ug/kg	95.4	1					
Zinc		45200	436	2180	ug/kg	95.4	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	113	378	ug/kg	0.0331	1	NM1	06/10/26	2035	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	113	378	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4,5-Trichlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2,4-Dimethylphenol	J	279	113	378	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	113	756	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-2.0 Project: RVDE00226C
Sample ID: 779753016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	113	378	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	113	378	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	11.3	37.8	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	113	378	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	113	378	ug/kg	0.0331	1					
2-Methylnaphthalene	J	28.4	11.3	37.8	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	113	378	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	113	378	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	113	378	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	151	378	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	113	378	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	113	378	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	113	378	ug/kg	0.0331	1					
Acenaphthene	U	ND	11.3	37.8	ug/kg	0.0331	1					
Acenaphthylene	J	32.9	11.3	37.8	ug/kg	0.0331	1					
Acetophenone	U	ND	113	378	ug/kg	0.0331	1					
Anthracene	J	27.6	11.3	37.8	ug/kg	0.0331	1					
Atrazine	U	ND	151	378	ug/kg	0.0331	1					
Benzaldehyde	U	ND	113	378	ug/kg	0.0331	1					
Benzo(a)anthracene		102	11.3	37.8	ug/kg	0.0331	1					
Benzo(a)pyrene		107	11.3	37.8	ug/kg	0.0331	1					
Benzo(b)fluoranthene		163	11.3	37.8	ug/kg	0.0331	1					
Benzo(ghi)perylene		96.4	11.3	37.8	ug/kg	0.0331	1					
Benzo(k)fluoranthene		49.9	11.3	37.8	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
Carbazole	J	14.7	11.3	37.8	ug/kg	0.0331	1					
Chrysene		107	11.3	37.8	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	J	20.4	11.3	37.8	ug/kg	0.0331	1					
Dibenzofuran	U	ND	113	378	ug/kg	0.0331	1					
Diethylphthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
Diphenylamine	U	ND	113	378	ug/kg	0.0331	1					
Fluoranthene		175	11.3	37.8	ug/kg	0.0331	1					
Fluorene	U	ND	11.3	37.8	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-2.0 Project: RVDE00226C
Sample ID: 779753016 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	113	378	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	113	378	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	113	378	ug/kg	0.0331	1					
Hexachloroethane	U	ND	113	378	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene		88.9	11.3	37.8	ug/kg	0.0331	1					
Isophorone	U	ND	113	378	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	113	378	ug/kg	0.0331	1					
Naphthalene	J	34.4	11.3	37.8	ug/kg	0.0331	1					
Nitrobenzene	U	ND	113	378	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	113	378	ug/kg	0.0331	1					
Phenanthrene		92.6	11.3	37.8	ug/kg	0.0331	1					
Phenol	U	ND	113	378	ug/kg	0.0331	1					
Pyrene		149	11.3	37.8	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	113	378	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	113	378	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	113	378	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.3	37.8	ug/kg	0.0331	1					
m,p-Cresols	U	ND	113	378	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	113	378	ug/kg	0.0331	1					
o-Cresol	U	ND	113	378	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	125	378	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	113	378	ug/kg	0.0331	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.127	0.318	mg/kg	27.9	1	BR2	06/17/26	1243	3010760	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1241	3010759
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-09-2.0	Project:	RVDE00226C
Sample ID:	779753016	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1380 ug/kg	1890	73	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	1890	79	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1590 ug/kg	1890	84	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2890 ug/kg	3780	77	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3000 ug/kg	3780	79	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2970 ug/kg	3780	79	(20%-130%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-4.0
Sample ID: 779753017
Matrix: Soil
Collect Date: 02-JUN-26 17:35
Receive Date: 03-JUN-26
Collector: Client
Moisture: 9.41%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	8.84	26.4	ug/kg	120	1	JP2	06/09/26	1115	3008292	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		5750000	7010	20600	ug/kg	93.5	1	EM2	06/09/26	1332	3005499	2
Antimony	U	ND	340	2060	ug/kg	93.5	1					
Arsenic	J	2250	516	3090	ug/kg	93.5	1					
Barium		12900	103	516	ug/kg	93.5	1					
Beryllium	J	126	103	516	ug/kg	93.5	1					
Cadmium	U	ND	103	516	ug/kg	93.5	1					
Calcium		152000	8250	25800	ug/kg	93.5	1					
Chromium		4010	155	1030	ug/kg	93.5	1					
Cobalt		745	155	516	ug/kg	93.5	1					
Copper	J	1080	309	2060	ug/kg	93.5	1					
Iron		2890000	8250	25800	ug/kg	93.5	1					
Lead		2310	340	2060	ug/kg	93.5	1					
Magnesium		137000	8770	30900	ug/kg	93.5	1					
Manganese		8240	206	1030	ug/kg	93.5	1					
Nickel		1820	155	516	ug/kg	93.5	1					
Potassium		436000	6600	25800	ug/kg	93.5	1					
Selenium	J	762	516	3090	ug/kg	93.5	1					
Silver	U	ND	103	516	ug/kg	93.5	1					
Sodium		241000	7220	25800	ug/kg	93.5	1					
Thallium	U	ND	516	2060	ug/kg	93.5	1					
Vanadium		5920	103	516	ug/kg	93.5	1					
Zinc		3340	413	2060	ug/kg	93.5	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	110	367	ug/kg	0.0332	1	NM1	06/10/26	2056	3008431	3
1,2,4,5-Tetrachlorobenzene	U	ND	110	367	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2,4,5-Trichlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	110	367	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	110	733	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-4.0 Project: RVDE00226C
Sample ID: 779753017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	110	367	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	110	367	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	11.0	36.7	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	110	367	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	110	367	ug/kg	0.0332	1					
2-Methylnaphthalene	U	ND	11.0	36.7	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	110	367	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	110	367	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	110	367	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	147	367	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	110	367	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	110	367	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	110	367	ug/kg	0.0332	1					
Acenaphthene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Acenaphthylene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Acetophenone	U	ND	110	367	ug/kg	0.0332	1					
Anthracene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Atrazine	U	ND	147	367	ug/kg	0.0332	1					
Benzaldehyde	U	ND	110	367	ug/kg	0.0332	1					
Benzo(a)anthracene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Benzo(b)fluoranthene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Carbazole	U	ND	11.0	36.7	ug/kg	0.0332	1					
Chrysene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Dibenzofuran	U	ND	110	367	ug/kg	0.0332	1					
Diethylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
Diphenylamine	U	ND	110	367	ug/kg	0.0332	1					
Fluoranthene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Fluorene	U	ND	11.0	36.7	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-4.0 Project: RVDE00226C
Sample ID: 779753017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	110	367	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	110	367	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	110	367	ug/kg	0.0332	1					
Hexachloroethane	U	ND	110	367	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Isophorone	U	ND	110	367	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	110	367	ug/kg	0.0332	1					
Naphthalene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Nitrobenzene	U	ND	110	367	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	110	367	ug/kg	0.0332	1					
Phenanthrene	U	ND	11.0	36.7	ug/kg	0.0332	1					
Phenol	U	ND	110	367	ug/kg	0.0332	1					
Pyrene	U	ND	11.0	36.7	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	110	367	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	110	367	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	110	367	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	U	ND	11.0	36.7	ug/kg	0.0332	1					
m,p-Cresols	U	ND	110	367	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	110	367	ug/kg	0.0332	1					
o-Cresol	U	ND	110	367	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	121	367	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	110	367	ug/kg	0.0332	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.139	0.346	mg/kg	31.4	1	BR2	06/17/26	1243	3010760	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.286	0.859	ug/kg	0.778	1	CO1	06/16/26	1655	3012880	5
1,1,2,2-Tetrachloroethane	U	ND	0.286	0.859	ug/kg	0.778	1					
1,1,2-Trichloroethane	U	ND	0.286	0.859	ug/kg	0.778	1					
1,1-Dichloroethane	U	ND	0.286	0.859	ug/kg	0.778	1					
1,1-Dichloroethylene	U	ND	0.286	0.859	ug/kg	0.778	1					
1,2,3-Trichlorobenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
1,2,4-Trichlorobenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
1,2-Dibromo-3-chloropropane	U	ND	0.429	0.859	ug/kg	0.778	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-4.0 Project: RVDE00226C
Sample ID: 779753017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.286	0.859	ug/kg	0.778	1					
1,2-Dichlorobenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
1,2-Dichloroethane	U	ND	0.286	0.859	ug/kg	0.778	1					
1,2-Dichloropropane	U	ND	0.286	0.859	ug/kg	0.778	1					
1,3-Dichlorobenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
1,4-Dichlorobenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
1,4-Dioxane	U	ND	14.3	42.9	ug/kg	0.778	1					
2-Butanone	J	1.79	1.43	4.29	ug/kg	0.778	1					
2-Hexanone	U	ND	1.43	4.29	ug/kg	0.778	1					
4-Methyl-2-pentanone	U	ND	1.43	4.29	ug/kg	0.778	1					
Acetone		22.2	1.43	4.29	ug/kg	0.778	1					
Benzene	U	ND	0.286	0.859	ug/kg	0.778	1					
Bromochloromethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Bromodichloromethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Bromoform	U	ND	0.286	0.859	ug/kg	0.778	1					
Bromomethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Carbon disulfide	U	ND	1.43	4.29	ug/kg	0.778	1					
Carbon tetrachloride	U	ND	0.286	0.859	ug/kg	0.778	1					
Chlorobenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
Chloroethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Chloroform	U	ND	0.286	0.859	ug/kg	0.778	1					
Chloromethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Cyclohexane	U	ND	0.286	0.859	ug/kg	0.778	1					
Dibromochloromethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Dichlorodifluoromethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Ethylbenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
Isopropylbenzene	U	ND	0.286	0.859	ug/kg	0.778	1					
Methyl acetate	J	2.88	1.43	4.29	ug/kg	0.778	1					
Methylcyclohexane	U	ND	0.286	0.859	ug/kg	0.778	1					
Methylene chloride	U	ND	1.43	4.29	ug/kg	0.778	1					
Styrene	U	ND	0.286	0.859	ug/kg	0.778	1					
Tetrachloroethylene	U	ND	0.286	0.859	ug/kg	0.778	1					
Toluene	U	ND	0.286	0.859	ug/kg	0.778	1					
Trichloroethylene	U	ND	0.286	0.859	ug/kg	0.778	1					
Trichlorofluoromethane	U	ND	0.286	0.859	ug/kg	0.778	1					
Trichlorotrifluoroethane	U	ND	1.43	4.29	ug/kg	0.778	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SB-09-4.0 Project: RVDE00226C
Sample ID: 779753017 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.286	0.859	ug/kg	0.778	1					
cis-1,2-Dichloroethylene	U	ND	0.286	0.859	ug/kg	0.778	1					
cis-1,3-Dichloropropylene	U	ND	0.286	0.859	ug/kg	0.778	1					
m,p-Xylenes	U	ND	0.573	1.72	ug/kg	0.778	1					
o-Xylene	U	ND	0.286	0.859	ug/kg	0.778	1					
tert-Butyl methyl ether	U	ND	0.286	0.859	ug/kg	0.778	1					
trans-1,2-Dichloroethylene	U	ND	0.286	0.859	ug/kg	0.778	1					
trans-1,3-Dichloropropylene	U	ND	0.286	0.859	ug/kg	0.778	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	06/09/26	0850	3005498
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	06/15/26	1241	3010759
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	ES3	06/08/26	1500	3008291
SW846 3546	Prep Method 3546 for Solid	DC2	06/10/26	0840	3008430
SW846 5035	5035 Prep	CO1	06/02/26	1735	3012872

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3546/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1450 ug/kg	1830	79	(23%-109%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1500 ug/kg	1830	82	(22%-120%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1660 ug/kg	1830	91	(22%-130%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	3070 ug/kg	3670	84	(23%-108%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	3190 ug/kg	3670	87	(24%-117%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	3260 ug/kg	3670	89	(20%-130%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	40.0 ug/kg	50.0	93	(75%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.1 ug/kg	50.0	103	(67%-136%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight	38.4 ug/kg	50.0	90	(79%-122%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 17, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SB-09-4.0	Project:	RVDE00226C
Sample ID:	779753017	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
	Corrected"											

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: June 17, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Flow Injection Analysis													
Batch 3008203													
QC1206491683 779753004 DUP													
Cyanide, Total		J	224		340	ug/kg	41.3	^		(+/-246)	CH9	06/09/26	16:32
QC1206491680 LCS													
Cyanide, Total	101000				80400	ug/kg			79.7	(50%-157%)		06/09/26	16:29
QC1206491679 MB													
Cyanide, Total				U	ND	ug/kg						06/09/26	16:28
QC1206491684 779753004 MS													
Cyanide, Total	4060	J	224		5370	ug/kg			127*	(46%-125%)		06/09/26	16:33
Metals Analysis-ICP													
Batch 3005499													
QC1206486452 LCS													
Aluminum	499000				494000	ug/kg			98.9	(80%-120%)	EM2	06/09/26	12:25
Antimony	49900				48000	ug/kg			96.2	(80%-120%)			
Arsenic	49900				51700	ug/kg			104	(80%-120%)			
Barium	49900				50400	ug/kg			101	(80%-120%)			
Beryllium	49900				52000	ug/kg			104	(80%-120%)			
Cadmium	49900				50900	ug/kg			102	(80%-120%)			

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3005499										
Calcium	499000			512000	ug/kg		103	(80%-120%)	EM2	06/09/26 12:25
Chromium	49900			50400	ug/kg		101	(80%-120%)		
Cobalt	49900			50100	ug/kg		100	(80%-120%)		
Copper	49900			50500	ug/kg		101	(80%-120%)		
Iron	499000			508000	ug/kg		102	(80%-120%)		
Lead	49900			50300	ug/kg		101	(80%-120%)		
Magnesium	499000			515000	ug/kg		103	(80%-120%)		
Manganese	49900			50500	ug/kg		101	(80%-120%)		
Nickel	49900			50500	ug/kg		101	(80%-120%)		
Potassium	499000			521000	ug/kg		104	(80%-120%)		
Selenium	49900			51300	ug/kg		103	(80%-120%)		
Silver	9980			9850	ug/kg		98.7	(80%-120%)		
Sodium	499000			500000	ug/kg		100	(80%-120%)		
Thallium	49900			51700	ug/kg		104	(80%-120%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3005499										
Vanadium	49900			50000	ug/kg		100	(80%-120%)	EM2	06/09/26 12:25
Zinc	49900			50000	ug/kg		100	(80%-120%)		
QC1206486451 MB										
Aluminum			U	ND	ug/kg					06/09/26 12:21
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					
Beryllium			U	ND	ug/kg					
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3005499										
Magnesium			U	ND	ug/kg				EM2	06/09/26 12:21
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					
Sodium			U	ND	ug/kg					
Thallium			U	ND	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			J	516	ug/kg					
QC1206486453 779753002 MS										
Aluminum	579000	6470000		12700000	ug/kg		N/A	(75%-125%)		06/09/26 13:45
Antimony	57900	7050		66100	ug/kg		102	(75%-125%)		06/15/26 14:46
Arsenic	57900	7180		71500	ug/kg		111	(75%-125%)		
Barium	57900	79300		163000	ug/kg		145 *	(75%-125%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3005499											
Beryllium	57900	J	214		60800	ug/kg		105	(75%-125%)	EM2	06/15/26 14:46
Cadmium	57900	U	ND		55500	ug/kg		95.9	(75%-125%)		
Calcium	579000		55500000		115000000	ug/kg		N/A	(75%-125%)		06/09/26 13:45
Chromium	57900		40000		133000	ug/kg		160*	(75%-125%)		06/15/26 14:46
Cobalt	57900		4260		61600	ug/kg		99.2	(75%-125%)		
Copper	57900		140000		227000	ug/kg		151*	(75%-125%)		
Iron	579000		29600000		39900000	ug/kg		N/A	(75%-125%)		
Lead	57900		137000		158000	ug/kg		36.1*	(75%-125%)		
Magnesium	579000		2740000		7480000	ug/kg		N/A	(75%-125%)		
Manganese	57900		551000		2720000	ug/kg		N/A	(75%-125%)		
Nickel	57900		14700		72900	ug/kg		101	(75%-125%)		
Potassium	579000		717000		1510000	ug/kg		137*	(75%-125%)		
Selenium	57900		3540		63400	ug/kg		104	(75%-125%)		
Silver	11600	U	ND		12300	ug/kg		105	(75%-125%)		06/09/26 13:45

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 3005499												
Sodium	579000		163000		861000	ug/kg			121	(75%-125%)	EM2	06/15/26 14:46
Thallium	57900	U	ND		54900	ug/kg			94.9	(75%-125%)		
Vanadium	57900		43900		123000	ug/kg			136*	(75%-125%)		
Zinc	57900		102000		183000	ug/kg			140*	(75%-125%)		06/09/26 13:45
QC1206486454 779753002 MSD												
Aluminum	523000		6470000		9780000	ug/kg	25.6	*	N/A	(0%-20%)		06/09/26 13:48
Antimony	52300		7050		62500	ug/kg	5.63		106	(0%-20%)		06/15/26 14:49
Arsenic	52300		7180		71100	ug/kg	0.56		122	(0%-20%)		
Barium	52300		79300		151000	ug/kg	7.67		138*	(0%-20%)		
Beryllium	52300	J	214		54600	ug/kg	10.6		104	(0%-20%)		
Cadmium	52300	U	ND		49600	ug/kg	11.1		94.9	(0%-20%)		
Calcium	523000		55500000		60200000	ug/kg	62.9	*	N/A	(0%-20%)		06/09/26 13:48
Chromium	52300		40000		106000	ug/kg	21.9	*	127*	(0%-20%)		06/15/26 14:49
Cobalt	52300		4260		60300	ug/kg	2.15		107	(0%-20%)		
Copper	52300		140000		320000	ug/kg	33.9	*	345*	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Metals Analysis-ICP													
Batch 3005499													
Iron	523000		29600000		62000000	ug/kg	43.4	*	N/A	(0%-20%)	EM2	06/15/26	14:49
Lead	52300		137000		180000	ug/kg	13.2		82.4	(0%-20%)			
Magnesium	523000		2740000		4860000	ug/kg	42.5	*	N/A	(0%-20%)			
Manganese	52300		551000		1010000	ug/kg	92.2	*	N/A	(0%-20%)			
Nickel	52300		14700		72800	ug/kg	0.0553		111	(0%-20%)			
Potassium	523000		717000		1470000	ug/kg	2.28		145	* (0%-20%)			
Selenium	52300		3540		56600	ug/kg	11.5		101	(0%-20%)			
Silver	10500	U	ND		10700	ug/kg	14.3		101	(0%-20%)		06/09/26	13:48
Sodium	523000		163000		718000	ug/kg	18.1		106	(0%-20%)		06/15/26	14:49
Thallium	52300	U	ND		46500	ug/kg	16.7		88.9	(0%-20%)			
Vanadium	52300		43900		93500	ug/kg	27.2	*	94.8	(0%-20%)			
Zinc	52300		102000		356000	ug/kg	64	*	485	* (0%-20%)		06/09/26	13:48
QC1206486455 779753002 PS													
Barium	500		694		1250	ug/L			111	(75%-125%)		06/15/26	15:03
Chromium	500		350		904	ug/L			111	(75%-125%)			

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3005499										
Copper	500	1230		1820	ug/L		119	(75%-125%)	EM2	06/15/26 15:03
Lead	500	1190		1690	ug/L		99.6	(75%-125%)		
Potassium	5000	6270		12200	ug/L		120	(75%-125%)		
Vanadium	500	384		949	ug/L		113	(75%-125%)		
Zinc	500	179		653	ug/L		94.8	(75%-125%)		06/09/26 13:51
QC1206486456 779753002 SDILT										
Aluminum		11300		2200	ug/L	2.77		(0%-20%)		06/09/26 13:54
Antimony		61.6	U	ND	ug/L	N/A		(0%-20%)		06/15/26 14:54
Arsenic		62.8	J	18.7	ug/L	49		(0%-20%)		
Barium		694		138	ug/L	.444		(0%-20%)		
Beryllium	J	1.87	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		97100		18800	ug/L	3.45		(0%-20%)		06/09/26 13:54
Chromium		350		68.4	ug/L	2.25		(0%-20%)		06/15/26 14:54
Cobalt		37.2		7.34	ug/L	1.47		(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3005499										
Copper		1230		232	ug/L	5.42		(0%-20%)	EM2	06/15/26 14:54
Iron		259000		53000	ug/L	2.47		(0%-20%)		
Lead		1190		236	ug/L	1.23		(0%-20%)		
Magnesium		23900		4710	ug/L	1.43		(0%-20%)		
Manganese		4820		976	ug/L	1.2		(0%-20%)		
Nickel		128		27.2	ug/L	6.18		(0%-20%)		
Potassium		6270		1130	ug/L	9.62		(0%-20%)		
Selenium		31.0	J	9.34	ug/L	50.7		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		06/09/26 13:54
Sodium		1430		264	ug/L	7.61		(0%-20%)		06/15/26 14:54
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		384		74.4	ug/L	3.11		(0%-20%)		
Zinc		179		37.5	ug/L	4.6		(0%-20%)		06/09/26 13:54

QC Summary

Workorder: 779753

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 3008292											
QC1206491817 779753002 DUP											
Mercury		42.3		49.4	ug/kg	15.4	^		(+/-27.2)	JP2	06/09/26 10:38
QC1206491816 LCS											
Mercury	234			227	ug/kg			96.8	(80%-120%)		06/09/26 10:35
QC1206491815 MB											
Mercury			U	ND	ug/kg						06/09/26 10:33
QC1206491818 779753002 MS											
Mercury	252	42.3		323	ug/kg			111	(80%-120%)		06/09/26 10:40
Semi-Volatile-GC/MS											
Batch 3008431											
QC1206492115 LCS											
1,1'-Biphenyl	1670			1170	ug/kg			70	(51%-123%)	NM1	06/10/26 17:23
1,2,4,5-Tetrachlorobenzene	1670			1140	ug/kg			69	(47%-109%)		
2,3,4,6-Tetrachlorophenol	1670			1280	ug/kg			77	(49%-125%)		
2,4,5-Trichlorophenol	1670			1490	ug/kg			90	(55%-123%)		
2,4,6-Trichlorophenol	1670			1330	ug/kg			80	(54%-123%)		
2,4-Dichlorophenol	1670			1310	ug/kg			79	(55%-115%)		
2,4-Dimethylphenol	1670			764	ug/kg			46	(44%-97%)		
2,4-Dinitrophenol	1670			1310	ug/kg			79	(22%-89%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
2,4-Dinitrotoluene	1670			1300	ug/kg		78	(52%-123%)	NM1	06/10/26 17:23
2,6-Dinitrotoluene	1670			1340	ug/kg		80	(54%-117%)		
2-Chloronaphthalene	1670			1440	ug/kg		86	(48%-105%)		
2-Chlorophenol	1670			1300	ug/kg		78	(52%-106%)		
2-Methyl-4,6-dinitrophenol	1670			1290	ug/kg		77	(21%-106%)		
2-Methylnaphthalene	1670			1370	ug/kg		82	(49%-99%)		
2-Nitrophenol	1670			1230	ug/kg		74	(50%-109%)		
3,3'-Dichlorobenzidine	1670			1200	ug/kg		72	(35%-112%)		
4-Bromophenylphenylether	1670			1380	ug/kg		83	(53%-113%)		
4-Chloro-3-methylphenol	1670			1480	ug/kg		89	(56%-118%)		
4-Chloroaniline	1670			1280	ug/kg		77	(36%-85%)		
4-Chlorophenylphenylether	1670			1380	ug/kg		83	(52%-119%)		
4-Nitrophenol	1670			1400	ug/kg		84	(37%-134%)		
Acenaphthene	1670			1250	ug/kg		75	(50%-103%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Acenaphthylene	1670			1140	ug/kg		68	(50%-102%)	NM1	06/10/26 17:23
Acetophenone	1670			1160	ug/kg		70	(49%-104%)		
Anthracene	1670			1280	ug/kg		77	(54%-106%)		
Atrazine	1670			1060	ug/kg		64	(50%-131%)		
Benzaldehyde	1670		U	ND	ug/kg		0*	(21%-89%)		
Benzo(a)anthracene	1670			1310	ug/kg		78	(55%-114%)		
Benzo(a)pyrene	1670			1230	ug/kg		74	(50%-113%)		
Benzo(b)fluoranthene	1670			1420	ug/kg		85	(53%-114%)		
Benzo(ghi)perylene	1670			1320	ug/kg		79	(42%-125%)		
Benzo(k)fluoranthene	1670			1350	ug/kg		81	(53%-121%)		
Butylbenzylphthalate	1670			1410	ug/kg		85	(49%-124%)		
Carbazole	1670			1310	ug/kg		78	(50%-122%)		
Chrysene	1670			1260	ug/kg		76	(57%-113%)		
Di-n-butylphthalate	1670			1380	ug/kg		83	(54%-122%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Di-n-octylphthalate	1670			1370	ug/kg		82	(46%-134%)	NM1	06/10/26 17:23
Dibenzo(a,h)anthracene	1670			1290	ug/kg		77	(45%-133%)		
Dibenzofuran	1670			1280	ug/kg		77	(55%-112%)		
Diethylphthalate	1670			1240	ug/kg		75	(56%-120%)		
Dimethylphthalate	1670			1320	ug/kg		80	(56%-116%)		
Diphenylamine	1670			1300	ug/kg		78	(52%-112%)		
Fluoranthene	1670			1370	ug/kg		82	(52%-121%)		
Fluorene	1670			1290	ug/kg		77	(52%-113%)		
Hexachlorobenzene	1670			1330	ug/kg		80	(55%-112%)		
Hexachlorobutadiene	1670			1250	ug/kg		75	(46%-108%)		
Hexachlorocyclopentadiene	1670			537	ug/kg		32	(26%-82%)		
Hexachloroethane	1670			1170	ug/kg		70	(42%-94%)		
Indeno(1,2,3-cd)pyrene	1670			1290	ug/kg		78	(47%-133%)		
Isophorone	1670			1140	ug/kg		68	(48%-104%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
N-Nitrosodipropylamine	1670			1290	ug/kg		78	(43%-109%)	NM1	06/10/26 17:23
Naphthalene	1670			1230	ug/kg		74	(49%-98%)		
Nitrobenzene	1670			1240	ug/kg		74	(48%-102%)		
Pentachlorophenol	1670			1490	ug/kg		90	(31%-114%)		
Phenanthrene	1670			1270	ug/kg		76	(56%-109%)		
Phenol	1670			1290	ug/kg		77	(47%-108%)		
Pyrene	1670			1340	ug/kg		80	(42%-117%)		
bis(2-Chloro-1-methylethyl)ether	1670			1290	ug/kg		77	(35%-110%)		
bis(2-Chloroethoxy)methane	1670			1320	ug/kg		79	(49%-101%)		
bis(2-Chloroethyl) ether	1670			1280	ug/kg		77	(45%-99%)		
bis(2-Ethylhexyl)phthalate	1670			1370	ug/kg		82	(44%-126%)		
m,p-Cresols	1670			1410	ug/kg		84	(48%-115%)		
m-Nitroaniline	1670			795	ug/kg		48	(39%-111%)		
o-Cresol	1670			1270	ug/kg		76	(50%-109%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
o-Nitroaniline	1670			1310	ug/kg		78	(47%-122%)	NM1	06/10/26 17:23
p-Nitroaniline	1670			1150	ug/kg		69	(35%-146%)		
**2,4,6-Tribromophenol	3330			2660	ug/kg		80	(20%-130%)		
**2-Fluorobiphenyl	1670			1180	ug/kg		71	(22%-120%)		
**2-Fluorophenol	3330			2510	ug/kg		75	(23%-108%)		
**Nitrobenzene-d5	1670			1160	ug/kg		69	(23%-109%)		
**Phenol-d5	3330			2540	ug/kg		76	(24%-117%)		
**p-Terphenyl-d14	1670			1290	ug/kg		78	(22%-130%)		
QC1206492114 MB										
1,1'-Biphenyl			U	ND	ug/kg					06/10/26 17:00
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
2,4-Dimethylphenol			U	ND	ug/kg				NM1	06/10/26 17:00
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
4-Nitrophenol			U	ND	ug/kg				NM1	06/10/26 17:00
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Chrysene			U	ND	ug/kg				NM1	06/10/26 17:00
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008431										
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg				NM1	06/10/26 17:00
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
m-Nitroaniline				U	ND	ug/kg				NM1	06/10/26 17:00
o-Cresol				U	ND	ug/kg					
o-Nitroaniline				U	ND	ug/kg					
p-Nitroaniline				U	ND	ug/kg					
**2,4,6-Tribromophenol	3330				2750	ug/kg		83	(20%-130%)		
**2-Fluorobiphenyl	1670				1230	ug/kg		74	(22%-120%)		
**2-Fluorophenol	3330				2550	ug/kg		77	(23%-108%)		
**Nitrobenzene-d5	1670				1170	ug/kg		70	(23%-109%)		
**Phenol-d5	3330				2600	ug/kg		78	(24%-117%)		
**p-Terphenyl-d14	1670				1400	ug/kg		84	(22%-130%)		
QC1206492116 780459001 MS											
1,1'-Biphenyl	1940	U	ND		1520	ug/kg		78	(15%-129%)		06/10/26 21:39
1,2,4,5-Tetrachlorobenzene	1940	U	ND		1450	ug/kg		75	(21%-114%)		
2,3,4,6-Tetrachlorophenol	1940	U	ND		1290	ug/kg		67	(21%-129%)		
2,4,5-Trichlorophenol	1940	U	ND		2420	ug/kg		124	(23%-127%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3008431												
2,4,6-Trichlorophenol	1940	U	ND		1510	ug/kg		78	(21%-132%)	NM1	06/10/26	21:39
2,4-Dichlorophenol	1940	U	ND		1580	ug/kg		81	(19%-124%)			
2,4-Dimethylphenol	1940	U	ND		881	ug/kg		45	(17%-103%)			
2,4-Dinitrophenol	1940	U	ND		1200	ug/kg		62	(19%-117%)			
2,4-Dinitrotoluene	1940	U	ND		1650	ug/kg		85	(24%-125%)			
2,6-Dinitrotoluene	1940	U	ND		1690	ug/kg		87	(23%-124%)			
2-Chloronaphthalene	1940	U	ND		1660	ug/kg		86	(14%-118%)			
2-Chlorophenol	1940	U	ND		1490	ug/kg		77	(16%-112%)			
2-Methyl-4,6-dinitrophenol	1940	U	ND		1340	ug/kg		69	(10%-120%)			
2-Methylnaphthalene	1940	U	ND		1620	ug/kg		83	(15%-112%)			
2-Nitrophenol	1940	U	ND		1490	ug/kg		76	(16%-114%)			
3,3'-Dichlorobenzidine	1940	U	ND		1680	ug/kg		87	(8%-108%)			
4-Bromophenylphenylether	1940	U	ND		1730	ug/kg		89	(20%-122%)			
4-Chloro-3-methylphenol	1940	U	ND		1670	ug/kg		86	(23%-126%)			

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
4-Chloroaniline	1940	U	ND		1400	ug/kg		72	(18%-88%)	NM1	06/10/26 21:39
4-Chlorophenylphenylether	1940	U	ND		1690	ug/kg		87	(21%-126%)		
4-Nitrophenol	1940	U	ND		1890	ug/kg		97	(12%-137%)		
Acenaphthene	1940	U	ND		1520	ug/kg		78	(16%-115%)		
Acenaphthylene	1940	U	ND		1430	ug/kg		74	(16%-116%)		
Acetophenone	1940	U	ND		1460	ug/kg		75	(20%-117%)		
Anthracene	1940	U	ND		1590	ug/kg		82	(19%-116%)		
Atrazine	1940	U	ND		1520	ug/kg		78	(24%-133%)		
Benzaldehyde	1940	U	ND		1210	ug/kg		62	(12%-103%)		
Benzo(a)anthracene	1940	U	ND		1550	ug/kg		80	(21%-121%)		
Benzo(a)pyrene	1940	U	ND		1540	ug/kg		79	(20%-120%)		
Benzo(b)fluoranthene	1940	U	ND		1700	ug/kg		87	(20%-126%)		
Benzo(ghi)perylene	1940	U	ND		1600	ug/kg		83	(13%-120%)		
Benzo(k)fluoranthene	1940	U	ND		1590	ug/kg		82	(20%-133%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Butylbenzylphthalate	1940	U	ND		1760	ug/kg		91	(19%-133%)	NM1	06/10/26 21:39
Carbazole	1940	U	ND		1640	ug/kg		84	(17%-128%)		
Chrysene	1940	U	ND		1580	ug/kg		81	(22%-124%)		
Di-n-butylphthalate	1940	U	ND		1750	ug/kg		90	(24%-125%)		
Di-n-octylphthalate	1940	U	ND		1780	ug/kg		91	(24%-135%)		
Dibenzo(a,h)anthracene	1940	U	ND		1580	ug/kg		81	(15%-122%)		
Dibenzofuran	1940	U	ND		1560	ug/kg		80	(21%-121%)		
Diethylphthalate	1940	U	ND		1540	ug/kg		79	(26%-125%)		
Dimethylphthalate	1940	U	ND		1600	ug/kg		82	(28%-124%)		
Diphenylamine	1940	U	ND		1590	ug/kg		82	(20%-116%)		
Fluoranthene	1940	U	ND		1680	ug/kg		87	(21%-126%)		
Fluorene	1940	U	ND		1560	ug/kg		80	(16%-123%)		
Hexachlorobenzene	1940	U	ND		1630	ug/kg		84	(23%-128%)		
Hexachlorobutadiene	1940	U	ND		1370	ug/kg		70	(16%-113%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Hexachlorocyclopentadiene	1940	U	ND		427	ug/kg		22	(10%-78%)	NM1	06/10/26 21:39
Hexachloroethane	1940	U	ND		1270	ug/kg		66	(13%-98%)		
Indeno(1,2,3-cd)pyrene	1940	U	ND		1620	ug/kg		83	(14%-125%)		
Isophorone	1940	U	ND		1370	ug/kg		70	(16%-113%)		
N-Nitrosodipropylamine	1940	U	ND		1560	ug/kg		80	(15%-118%)		
Naphthalene	1940	U	ND		1410	ug/kg		73	(14%-112%)		
Nitrobenzene	1940	U	ND		1430	ug/kg		74	(17%-109%)		
Pentachlorophenol	1940	U	ND		1140	ug/kg		59	(11%-126%)		
Phenanthrene	1940	U	ND		1590	ug/kg		82	(19%-121%)		
Phenol	1940	U	ND		1540	ug/kg		79	(17%-116%)		
Pyrene	1940	U	ND		1690	ug/kg		87	(19%-127%)		
bis(2-Chloro-1-methylethyl)ether	1940	U	ND		1500	ug/kg		77	(10%-110%)		
bis(2-Chloroethoxy)methane	1940	U	ND		1540	ug/kg		79	(20%-110%)		
bis(2-Chloroethyl) ether	1940	U	ND		1460	ug/kg		75	(15%-109%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
bis(2-Ethylhexyl)phthalate	1940	U	ND		1700	ug/kg		87	(17%-133%)	NM1	06/10/26 21:39
m,p-Cresols	1940	U	ND		1660	ug/kg		86	(20%-119%)		
m-Nitroaniline	1940	U	ND		1640	ug/kg		84	(10%-108%)		
o-Cresol	1940	U	ND		1610	ug/kg		83	(16%-120%)		
o-Nitroaniline	1940	U	ND		1660	ug/kg		85	(21%-125%)		
p-Nitroaniline	1940	U	ND		1740	ug/kg		89	(9%-138%)		
**2,4,6-Tribromophenol	3890		3090		3020	ug/kg		78	(20%-130%)		
**2-Fluorobiphenyl	1940		1400		1440	ug/kg		74	(22%-120%)		
**2-Fluorophenol	3890		2790		2910	ug/kg		75	(23%-108%)		
**Nitrobenzene-d5	1940		1330		1380	ug/kg		71	(23%-109%)		
**Phenol-d5	3890		2940		3070	ug/kg		79	(24%-117%)		
**p-Terphenyl-d14	1940		1580		1610	ug/kg		83	(22%-130%)		
QC1206492117 780459001 MSD											
1,1'-Biphenyl	1940	U	ND		1480	ug/kg	3	76	(0%-30%)		06/10/26 22:02
1,2,4,5-Tetrachlorobenzene	1940	U	ND		1400	ug/kg	4	72	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date	Time
Semi-Volatile-GC/MS														
Batch 3008431														
2,3,4,6-Tetrachlorophenol	1940	U	ND		1390	ug/kg	7		72		(0%-30%)	NM1	06/10/26	22:02
2,4,5-Trichlorophenol	1940	U	ND		3320	ug/kg	32	*	171	*	(0%-30%)			
2,4,6-Trichlorophenol	1940	U	ND		1470	ug/kg	3		76		(0%-30%)			
2,4-Dichlorophenol	1940	U	ND		1500	ug/kg	5		77		(0%-30%)			
2,4-Dimethylphenol	1940	U	ND		806	ug/kg	9		42		(0%-30%)			
2,4-Dinitrophenol	1940	U	ND		1030	ug/kg	15		53		(0%-30%)			
2,4-Dinitrotoluene	1940	U	ND		1520	ug/kg	8		78		(0%-30%)			
2,6-Dinitrotoluene	1940	U	ND		1570	ug/kg	7		81		(0%-30%)			
2-Chloronaphthalene	1940	U	ND		1610	ug/kg	3		83		(0%-30%)			
2-Chlorophenol	1940	U	ND		1440	ug/kg	3		74		(0%-30%)			
2-Methyl-4,6-dinitrophenol	1940	U	ND		1200	ug/kg	11		62		(0%-30%)			
2-Methylnaphthalene	1940	U	ND		1570	ug/kg	3		81		(0%-30%)			
2-Nitrophenol	1940	U	ND		1490	ug/kg	0		77		(0%-30%)			
3,3'-Dichlorobenzidine	1940	U	ND		1520	ug/kg	10		78		(0%-30%)			

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
4-Bromophenylphenylether	1940	U	ND		1540	ug/kg	11	79	(0%-30%)	NM1	06/10/26 22:02
4-Chloro-3-methylphenol	1940	U	ND		1570	ug/kg	6	81	(0%-30%)		
4-Chloroaniline	1940	U	ND		1300	ug/kg	7	67	(0%-30%)		
4-Chlorophenylphenylether	1940	U	ND		1630	ug/kg	3	84	(0%-30%)		
4-Nitrophenol	1940	U	ND		1730	ug/kg	9	89	(0%-30%)		
Acenaphthene	1940	U	ND		1440	ug/kg	5	74	(0%-30%)		
Acenaphthylene	1940	U	ND		1330	ug/kg	7	69	(0%-30%)		
Acetophenone	1940	U	ND		1410	ug/kg	4	73	(0%-30%)		
Anthracene	1940	U	ND		1450	ug/kg	9	75	(0%-30%)		
Atrazine	1940	U	ND		1420	ug/kg	6	73	(0%-30%)		
Benzaldehyde	1940	U	ND		1210	ug/kg	0	62	(0%-30%)		
Benzo(a)anthracene	1940	U	ND		1430	ug/kg	8	74	(0%-30%)		
Benzo(a)pyrene	1940	U	ND		1400	ug/kg	10	72	(0%-30%)		
Benzo(b)fluoranthene	1940	U	ND		1550	ug/kg	9	80	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Benzo(ghi)perylene	1940	U	ND		1490	ug/kg	8	77	(0%-30%)	NM1	06/10/26 22:02
Benzo(k)fluoranthene	1940	U	ND		1490	ug/kg	6	77	(0%-30%)		
Butylbenzylphthalate	1940	U	ND		1620	ug/kg	9	83	(0%-30%)		
Carbazole	1940	U	ND		1440	ug/kg	13	74	(0%-30%)		
Chrysene	1940	U	ND		1430	ug/kg	10	74	(0%-30%)		
Di-n-butylphthalate	1940	U	ND		1580	ug/kg	10	82	(0%-30%)		
Di-n-octylphthalate	1940	U	ND		1610	ug/kg	10	83	(0%-30%)		
Dibenzo(a,h)anthracene	1940	U	ND		1470	ug/kg	7	76	(0%-30%)		
Dibenzofuran	1940	U	ND		1490	ug/kg	4	77	(0%-30%)		
Diethylphthalate	1940	U	ND		1440	ug/kg	7	74	(0%-30%)		
Dimethylphthalate	1940	U	ND		1520	ug/kg	5	79	(0%-30%)		
Diphenylamine	1940	U	ND		1450	ug/kg	10	75	(0%-30%)		
Fluoranthene	1940	U	ND		1530	ug/kg	10	79	(0%-30%)		
Fluorene	1940	U	ND		1490	ug/kg	5	77	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
Hexachlorobenzene	1940	U	ND		1510	ug/kg	8	78	(0%-30%)	NM1	06/10/26 22:02
Hexachlorobutadiene	1940	U	ND		1340	ug/kg	2	69	(0%-30%)		
Hexachlorocyclopentadiene	1940	U	ND		399	ug/kg	7	21	(0%-30%)		
Hexachloroethane	1940	U	ND		1190	ug/kg	7	61	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1940	U	ND		1510	ug/kg	7	78	(0%-30%)		
Isophorone	1940	U	ND		1330	ug/kg	3	68	(0%-30%)		
N-Nitrosodipropylamine	1940	U	ND		1480	ug/kg	5	76	(0%-30%)		
Naphthalene	1940	U	ND		1370	ug/kg	3	70	(0%-30%)		
Nitrobenzene	1940	U	ND		1390	ug/kg	3	72	(0%-30%)		
Pentachlorophenol	1940	U	ND		1460	ug/kg	24	75	(0%-30%)		
Phenanthrene	1940	U	ND		1410	ug/kg	12	73	(0%-30%)		
Phenol	1940	U	ND		1460	ug/kg	5	75	(0%-30%)		
Pyrene	1940	U	ND		1520	ug/kg	11	78	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1940	U	ND		1420	ug/kg	5	73	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008431											
bis(2-Chloroethoxy)methane	1940	U	ND		1510	ug/kg	2	78	(0%-30%)	NM1	06/10/26 22:02
bis(2-Chloroethyl) ether	1940	U	ND		1400	ug/kg	4	72	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1940	U	ND		1550	ug/kg	9	80	(0%-30%)		
m,p-Cresols	1940	U	ND		1530	ug/kg	8	79	(0%-30%)		
m-Nitroaniline	1940	U	ND		1550	ug/kg	5	80	(0%-30%)		
o-Cresol	1940	U	ND		1460	ug/kg	10	75	(0%-30%)		
o-Nitroaniline	1940	U	ND		1570	ug/kg	6	81	(0%-30%)		
p-Nitroaniline	1940	U	ND		1640	ug/kg	6	84	(0%-30%)		
**2,4,6-Tribromophenol	3880		3090		2840	ug/kg		73	(20%-130%)		
**2-Fluorobiphenyl	1940		1400		1380	ug/kg		71	(22%-120%)		
**2-Fluorophenol	3880		2790		2690	ug/kg		69	(23%-108%)		
**Nitrobenzene-d5	1940		1330		1330	ug/kg		69	(23%-109%)		
**Phenol-d5	3880		2940		2910	ug/kg		75	(24%-117%)		
**p-Terphenyl-d14	1940		1580		1390	ug/kg		71	(22%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
QC1206492121 LCS										
1,1'-Biphenyl	1660			1210	ug/kg		73	(51%-123%)	BM1	06/10/26 15:56
1,2,4,5-Tetrachlorobenzene	1660			1140	ug/kg		68	(47%-109%)		
2,3,4,6-Tetrachlorophenol	1660			1370	ug/kg		82	(49%-125%)		
2,4,5-Trichlorophenol	1660			1430	ug/kg		86	(55%-123%)		
2,4,6-Trichlorophenol	1660			1360	ug/kg		82	(54%-123%)		
2,4-Dichlorophenol	1660			1380	ug/kg		83	(55%-115%)		
2,4-Dimethylphenol	1660			768	ug/kg		46	(44%-97%)		
2,4-Dinitrophenol	1660			1280	ug/kg		77	(22%-89%)		
2,4-Dinitrotoluene	1660			1390	ug/kg		84	(52%-123%)		
2,6-Dinitrotoluene	1660			1350	ug/kg		81	(54%-117%)		
2-Chloronaphthalene	1660			1210	ug/kg		73	(48%-105%)		
2-Chlorophenol	1660			1320	ug/kg		80	(52%-106%)		
2-Methyl-4,6-dinitrophenol	1660			1350	ug/kg		81	(21%-106%)		
2-Methylnaphthalene	1660			1410	ug/kg		85	(49%-99%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
2-Nitrophenol	1660			1200	ug/kg		72	(50%-109%)	BM1	06/10/26 15:56
3,3'-Dichlorobenzidine	1660			1040	ug/kg		63	(35%-112%)		
4-Bromophenylphenylether	1660			1300	ug/kg		78	(53%-113%)		
4-Chloro-3-methylphenol	1660			1510	ug/kg		91	(56%-118%)		
4-Chloroaniline	1660			1030	ug/kg		62	(36%-85%)		
4-Chlorophenylphenylether	1660			1350	ug/kg		81	(52%-119%)		
4-Nitrophenol	1660			1660	ug/kg		100	(37%-134%)		
Acenaphthene	1660			1270	ug/kg		76	(50%-103%)		
Acenaphthylene	1660			1120	ug/kg		67	(50%-102%)		
Acetophenone	1660			916	ug/kg		55	(49%-104%)		
Anthracene	1660			1330	ug/kg		80	(54%-106%)		
Atrazine	1660			1510	ug/kg		91	(50%-131%)		
Benzaldehyde	1660		U	ND	ug/kg		0*	(21%-89%)		
Benzo(a)anthracene	1660			1320	ug/kg		79	(55%-114%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 3008433											
Benzo(a)pyrene	1660			1270	ug/kg		76	(50%-113%)	BM1	06/10/26	15:56
Benzo(b)fluoranthene	1660			1370	ug/kg		82	(53%-114%)			
Benzo(ghi)perylene	1660			1400	ug/kg		84	(42%-125%)			
Benzo(k)fluoranthene	1660			1380	ug/kg		83	(53%-121%)			
Butylbenzylphthalate	1660			1390	ug/kg		84	(49%-124%)			
Carbazole	1660			1400	ug/kg		84	(50%-122%)			
Chrysene	1660			1280	ug/kg		77	(57%-113%)			
Di-n-butylphthalate	1660			1460	ug/kg		88	(54%-122%)			
Di-n-octylphthalate	1660			1320	ug/kg		79	(46%-134%)			
Dibenzo(a,h)anthracene	1660			1370	ug/kg		82	(45%-133%)			
Dibenzofuran	1660			1280	ug/kg		77	(55%-112%)			
Diethylphthalate	1660			1450	ug/kg		87	(56%-120%)			
Dimethylphthalate	1660			1390	ug/kg		84	(56%-116%)			
Diphenylamine	1660			1320	ug/kg		79	(52%-112%)			

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
Fluoranthene	1660			1460	ug/kg		88	(52%-121%)	BM1	06/10/26 15:56
Fluorene	1660			1320	ug/kg		79	(52%-113%)		
Hexachlorobenzene	1660			1320	ug/kg		79	(55%-112%)		
Hexachlorobutadiene	1660			1150	ug/kg		69	(46%-108%)		
Hexachlorocyclopentadiene	1660			366	ug/kg		22*	(26%-82%)		
Hexachloroethane	1660			1140	ug/kg		68	(42%-94%)		
Indeno(1,2,3-cd)pyrene	1660			1370	ug/kg		82	(47%-133%)		
Isophorone	1660			966	ug/kg		58	(48%-104%)		
N-Nitrosodipropylamine	1660			1320	ug/kg		79	(43%-109%)		
Naphthalene	1660			1190	ug/kg		72	(49%-98%)		
Nitrobenzene	1660			1200	ug/kg		72	(48%-102%)		
Pentachlorophenol	1660			1630	ug/kg		98	(31%-114%)		
Phenanthrene	1660			1320	ug/kg		79	(56%-109%)		
Phenol	1660			1400	ug/kg		84	(47%-108%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
Pyrene	1660			1480	ug/kg		89	(42%-117%)	BM1	06/10/26 15:56
bis(2-Chloro-1-methylethyl)ether	1660			1280	ug/kg		77	(35%-110%)		
bis(2-Chloroethoxy)methane	1660			1260	ug/kg		75	(49%-101%)		
bis(2-Chloroethyl) ether	1660			1210	ug/kg		73	(45%-99%)		
bis(2-Ethylhexyl)phthalate	1660			1330	ug/kg		80	(44%-126%)		
m,p-Cresols	1660			1370	ug/kg		82	(48%-115%)		
m-Nitroaniline	1660			1130	ug/kg		68	(39%-111%)		
o-Cresol	1660			1310	ug/kg		79	(50%-109%)		
o-Nitroaniline	1660			1330	ug/kg		80	(47%-122%)		
p-Nitroaniline	1660			1450	ug/kg		87	(35%-146%)		
**2,4,6-Tribromophenol	3330			2760	ug/kg		83	(20%-130%)		
**2-Fluorobiphenyl	1660			1090	ug/kg		66	(22%-120%)		
**2-Fluorophenol	3330			2530	ug/kg		76	(23%-108%)		
**Nitrobenzene-d5	1660			1070	ug/kg		64	(23%-109%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 3008433											
**Phenol-d5	3330			2640	ug/kg		79	(24%-117%)	BM1	06/10/26	15:56
**p-Terphenyl-d14	1660			1310	ug/kg		79	(22%-130%)			
QC1206492120 MB											
1,1'-Biphenyl			U	ND	ug/kg					06/10/26	15:33
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg						
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg						
2,4,5-Trichlorophenol			U	ND	ug/kg						
2,4,6-Trichlorophenol			U	ND	ug/kg						
2,4-Dichlorophenol			U	ND	ug/kg						
2,4-Dimethylphenol			U	ND	ug/kg						
2,4-Dinitrophenol			U	ND	ug/kg						
2,4-Dinitrotoluene			U	ND	ug/kg						
2,6-Dinitrotoluene			U	ND	ug/kg						
2-Chloronaphthalene			U	ND	ug/kg						
2-Chlorophenol			U	ND	ug/kg						

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg				BM1	06/10/26 15:33
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
Benzaldehyde			U	ND	ug/kg				BM1	06/10/26 15:33
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
Dimethylphthalate			U	ND	ug/kg				BM1	06/10/26 15:33
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3008433										
Phenanthrene			U	ND	ug/kg				BM1	06/10/26 15:33
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3310			2810	ug/kg		85	(20%-130%)		
**2-Fluorobiphenyl	1650			1280	ug/kg		77	(22%-120%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
**2-Fluorophenol	3310				2920	ug/kg		88	(23%-108%)	BM1	06/10/26 15:33
**Nitrobenzene-d5	1650				1230	ug/kg		74	(23%-109%)		
**Phenol-d5	3310				2850	ug/kg		86	(24%-117%)		
**p-Terphenyl-d14	1650				1480	ug/kg		89	(22%-130%)		
QC1206492122 779753002 MS											
1,1'-Biphenyl	1940	U	ND		1130	ug/kg		59	(15%-129%)		06/10/26 19:16
1,2,4,5-Tetrachlorobenzene	1940	U	ND		1120	ug/kg		58	(21%-114%)		
2,3,4,6-Tetrachlorophenol	1940	U	ND		975	ug/kg		50	(21%-129%)		
2,4,5-Trichlorophenol	1940	U	ND		1090	ug/kg		56	(23%-127%)		
2,4,6-Trichlorophenol	1940	U	ND		956	ug/kg		49	(21%-132%)		
2,4-Dichlorophenol	1940	U	ND		1180	ug/kg		61	(19%-124%)		
2,4-Dimethylphenol	1940	U	ND		738	ug/kg		38	(17%-103%)		
2,4-Dinitrophenol	1940	U	ND		786	ug/kg		41	(19%-117%)		
2,4-Dinitrotoluene	1940	U	ND		1110	ug/kg		57	(24%-125%)		
2,6-Dinitrotoluene	1940	U	ND		1140	ug/kg		59	(23%-124%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
2-Chloronaphthalene	1940	U	ND		1150	ug/kg		60	(14%-118%)	BM1	06/10/26 19:16
2-Chlorophenol	1940	U	ND		1160	ug/kg		60	(16%-112%)		
2-Methyl-4,6-dinitrophenol	1940	U	ND		653	ug/kg		34	(10%-120%)		
2-Methylnaphthalene	1940		81.9		1360	ug/kg		66	(15%-112%)		
2-Nitrophenol	1940	U	ND		1010	ug/kg		52	(16%-114%)		
3,3'-Dichlorobenzidine	1940	U	ND		859	ug/kg		44	(8%-108%)		
4-Bromophenylphenylether	1940	U	ND		1220	ug/kg		63	(20%-122%)		
4-Chloro-3-methylphenol	1940	U	ND		1280	ug/kg		66	(23%-126%)		
4-Chloroaniline	1940	U	ND		924	ug/kg		48	(18%-88%)		
4-Chlorophenylphenylether	1940	U	ND		1190	ug/kg		61	(21%-126%)		
4-Nitrophenol	1940	U	ND		1430	ug/kg		74	(12%-137%)		
Acenaphthene	1940	J	12.0		1150	ug/kg		59	(16%-115%)		
Acenaphthylene	1940		181		1120	ug/kg		49	(16%-116%)		
Acetophenone	1940	U	ND		823	ug/kg		43	(20%-117%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
Anthracene	1940		149		1260	ug/kg		57	(19%-116%)	BM1	06/10/26 19:16
Atrazine	1940	U	ND		1290	ug/kg		66	(24%-133%)		
Benzaldehyde	1940	U	ND	U	ND	ug/kg		0*	(12%-103%)		
Benzo(a)anthracene	1940		859		1430	ug/kg		29	(21%-121%)		
Benzo(a)pyrene	1940		798		1370	ug/kg		30	(20%-120%)		
Benzo(b)fluoranthene	1940		1200		1640	ug/kg		22	(20%-126%)		
Benzo(ghi)perylene	1940		483		1240	ug/kg		39	(13%-120%)		
Benzo(k)fluoranthene	1940		431		1400	ug/kg		50	(20%-133%)		
Butylbenzylphthalate	1940	U	ND		1330	ug/kg		69	(19%-133%)		
Carbazole	1940		62.8		1250	ug/kg		61	(17%-128%)		
Chrysene	1940		945		1400	ug/kg		24	(22%-124%)		
Di-n-butylphthalate	1940	U	ND		1300	ug/kg		67	(24%-125%)		
Di-n-octylphthalate	1940	U	ND		1300	ug/kg		67	(24%-135%)		
Dibenzo(a,h)anthracene	1940		144		1070	ug/kg		48	(15%-122%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
Dibenzofuran	1940	U	ND		1160	ug/kg		60	(21%-121%)	BM1	06/10/26 19:16
Diethylphthalate	1940	U	ND		1200	ug/kg		62	(26%-125%)		
Dimethylphthalate	1940	U	ND		1170	ug/kg		61	(28%-124%)		
Diphenylamine	1940	U	ND		1210	ug/kg		63	(20%-116%)		
Fluoranthene	1940		1640		1640	ug/kg		0*	(21%-126%)		
Fluorene	1940	J	26.8		1180	ug/kg		60	(16%-123%)		
Hexachlorobenzene	1940	U	ND		1220	ug/kg		63	(23%-128%)		
Hexachlorobutadiene	1940	U	ND		1150	ug/kg		59	(16%-113%)		
Hexachlorocyclopentadiene	1940	U	ND	U	ND	ug/kg		0*	(10%-78%)		
Hexachloroethane	1940	U	ND		839	ug/kg		43	(13%-98%)		
Indeno(1,2,3-cd)pyrene	1940		545		1250	ug/kg		37	(14%-125%)		
Isophorone	1940	U	ND		883	ug/kg		46	(16%-113%)		
N-Nitrosodipropylamine	1940	U	ND		1170	ug/kg		60	(15%-118%)		
Naphthalene	1940		73.7		1160	ug/kg		56	(14%-112%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
Nitrobenzene	1940	U	ND		1100	ug/kg		57	(17%-109%)	BM1	06/10/26 19:16
Pentachlorophenol	1940	U	ND		1290	ug/kg		66	(11%-126%)		
Phenanthrene	1940		652		1320	ug/kg		35	(19%-121%)		
Phenol	1940	U	ND		1170	ug/kg		60	(17%-116%)		
Pyrene	1940		1430		1630	ug/kg		10*	(19%-127%)		
bis(2-Chloro-1-methylethyl)ether	1940	U	ND		1160	ug/kg		60	(10%-110%)		
bis(2-Chloroethoxy)methane	1940	U	ND		1130	ug/kg		58	(20%-110%)		
bis(2-Chloroethyl) ether	1940	U	ND		1090	ug/kg		56	(15%-109%)		
bis(2-Ethylhexyl)phthalate	1940	U	ND		1260	ug/kg		65	(17%-133%)		
m,p-Cresols	1940	U	ND		1180	ug/kg		61	(20%-119%)		
m-Nitroaniline	1940	U	ND		1100	ug/kg		57	(10%-108%)		
o-Cresol	1940	U	ND		1150	ug/kg		59	(16%-120%)		
o-Nitroaniline	1940	U	ND		1140	ug/kg		59	(21%-125%)		
p-Nitroaniline	1940	U	ND		1110	ug/kg		57	(9%-138%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
**2,4,6-Tribromophenol	3870		1660		1770	ug/kg		46	(20%-130%)	BM1	06/10/26 19:16
**2-Fluorobiphenyl	1940		1160		1010	ug/kg		52	(22%-120%)		
**2-Fluorophenol	3870		2580		2210	ug/kg		57	(23%-108%)		
**Nitrobenzene-d5	1940		1120		982	ug/kg		51	(23%-109%)		
**Phenol-d5	3870		2650		2260	ug/kg		58	(24%-117%)		
**p-Terphenyl-d14	1940		1290		1090	ug/kg		57	(22%-130%)		
QC1206492123 779753002 MSD											
1,1'-Biphenyl	1950	U	ND		1260	ug/kg	11	65	(0%-30%)		06/10/26 19:38
1,2,4,5-Tetrachlorobenzene	1950	U	ND		1250	ug/kg	10	64	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1950	U	ND		1140	ug/kg	16	59	(0%-30%)		
2,4,5-Trichlorophenol	1950	U	ND		1280	ug/kg	16	66	(0%-30%)		
2,4,6-Trichlorophenol	1950	U	ND		1150	ug/kg	18	59	(0%-30%)		
2,4-Dichlorophenol	1950	U	ND		1310	ug/kg	10	67	(0%-30%)		
2,4-Dimethylphenol	1950	U	ND		816	ug/kg	10	42	(0%-30%)		
2,4-Dinitrophenol	1950	U	ND	J	691	ug/kg	13	35	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
2,4-Dinitrotoluene	1950	U	ND		1210	ug/kg	9	62	(0%-30%)	BM1	06/10/26 19:38
2,6-Dinitrotoluene	1950	U	ND		1250	ug/kg	10	64	(0%-30%)		
2-Chloronaphthalene	1950	U	ND		1270	ug/kg	10	65	(0%-30%)		
2-Chlorophenol	1950	U	ND		1260	ug/kg	9	65	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1950	U	ND		481	ug/kg	30	25	(0%-30%)		
2-Methylnaphthalene	1950		81.9		1490	ug/kg	9	73	(0%-30%)		
2-Nitrophenol	1950	U	ND		1050	ug/kg	4	54	(0%-30%)		
3,3'-Dichlorobenzidine	1950	U	ND		990	ug/kg	14	51	(0%-30%)		
4-Bromophenylphenylether	1950	U	ND		1330	ug/kg	8	68	(0%-30%)		
4-Chloro-3-methylphenol	1950	U	ND		1440	ug/kg	11	74	(0%-30%)		
4-Chloroaniline	1950	U	ND		1020	ug/kg	9	52	(0%-30%)		
4-Chlorophenylphenylether	1950	U	ND		1320	ug/kg	11	68	(0%-30%)		
4-Nitrophenol	1950	U	ND		1370	ug/kg	4	70	(0%-30%)		
Acenaphthene	1950	J	12.0		1290	ug/kg	12	66	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
Acenaphthylene	1950		181		1270	ug/kg	12	56	(0%-30%)	BM1	06/10/26 19:38
Acetophenone	1950	U	ND		902	ug/kg	9	46	(0%-30%)		
Anthracene	1950		149		1390	ug/kg	10	64	(0%-30%)		
Atrazine	1950	U	ND		1440	ug/kg	11	74	(0%-30%)		
Benzaldehyde	1950	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Benzo(a)anthracene	1950		859		1580	ug/kg	10	37	(0%-30%)		
Benzo(a)pyrene	1950		798		1560	ug/kg	13	39	(0%-30%)		
Benzo(b)fluoranthene	1950		1200		1890	ug/kg	14	35	(0%-30%)		
Benzo(ghi)perylene	1950		483		1380	ug/kg	11	46	(0%-30%)		
Benzo(k)fluoranthene	1950		431		1570	ug/kg	11	58	(0%-30%)		
Butylbenzylphthalate	1950	U	ND		1450	ug/kg	9	75	(0%-30%)		
Carbazole	1950		62.8		1380	ug/kg	10	68	(0%-30%)		
Chrysene	1950		945		1600	ug/kg	13	34	(0%-30%)		
Di-n-butylphthalate	1950	U	ND		1430	ug/kg	9	73	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
Di-n-octylphthalate	1950	U	ND		1420	ug/kg	9	73	(0%-30%)	BM1	06/10/26 19:38
Dibenzo(a,h)anthracene	1950		144		1240	ug/kg	15	56	(0%-30%)		
Dibenzofuran	1950	U	ND		1300	ug/kg	11	67	(0%-30%)		
Diethylphthalate	1950	U	ND		1340	ug/kg	11	69	(0%-30%)		
Dimethylphthalate	1950	U	ND		1310	ug/kg	11	67	(0%-30%)		
Diphenylamine	1950	U	ND		1330	ug/kg	9	68	(0%-30%)		
Fluoranthene	1950		1640		1870	ug/kg	13	12*	(0%-30%)		
Fluorene	1950	J	26.8		1320	ug/kg	11	66	(0%-30%)		
Hexachlorobenzene	1950	U	ND		1340	ug/kg	9	69	(0%-30%)		
Hexachlorobutadiene	1950	U	ND		1250	ug/kg	9	64	(0%-30%)		
Hexachlorocyclopentadiene	1950	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Hexachloroethane	1950	U	ND		927	ug/kg	10	48	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1950		545		1430	ug/kg	13	45	(0%-30%)		
Isophorone	1950	U	ND		962	ug/kg	9	49	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3008433											
N-Nitrosodipropylamine	1950	U	ND		1270	ug/kg	8	65	(0%-30%)	BM1	06/10/26 19:38
Naphthalene	1950		73.7		1270	ug/kg	9	61	(0%-30%)		
Nitrobenzene	1950	U	ND		1190	ug/kg	8	61	(0%-30%)		
Pentachlorophenol	1950	U	ND		1370	ug/kg	7	71	(0%-30%)		
Phenanthrene	1950		652		1470	ug/kg	10	42	(0%-30%)		
Phenol	1950	U	ND		1280	ug/kg	9	66	(0%-30%)		
Pyrene	1950		1430		1870	ug/kg	13	22	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1950	U	ND		1270	ug/kg	10	65	(0%-30%)		
bis(2-Chloroethoxy)methane	1950	U	ND		1240	ug/kg	9	63	(0%-30%)		
bis(2-Chloroethyl) ether	1950	U	ND		1170	ug/kg	8	60	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1950	U	ND		1370	ug/kg	9	71	(0%-30%)		
m,p-Cresols	1950	U	ND		1330	ug/kg	12	68	(0%-30%)		
m-Nitroaniline	1950	U	ND		1250	ug/kg	12	64	(0%-30%)		
o-Cresol	1950	U	ND		1260	ug/kg	9	65	(0%-30%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3008433												
o-Nitroaniline	1950	U	ND		1300	ug/kg	13	67	(0%-30%)	BM1	06/10/26	19:38
p-Nitroaniline	1950	U	ND		1290	ug/kg	15	66	(0%-30%)			
**2,4,6-Tribromophenol	3890		1660		2170	ug/kg		56	(20%-130%)			
**2-Fluorobiphenyl	1950		1160		1120	ug/kg		57	(22%-120%)			
**2-Fluorophenol	3890		2580		2390	ug/kg		61	(23%-108%)			
**Nitrobenzene-d5	1950		1120		1060	ug/kg		54	(23%-109%)			
**Phenol-d5	3890		2650		2480	ug/kg		64	(24%-117%)			
**p-Terphenyl-d14	1950		1290		1210	ug/kg		62	(22%-130%)			
Semi-Volatiles-PCB												
Batch 3007849												
QC1206490861 LCS												
Aroclor-1016	33.1				25.2	ug/kg		76	(70%-130%)	JXM	06/10/26	15:39
Aroclor-1260	33.1				29.2	ug/kg		88	(70%-130%)			
**4cmx	6.62				4.14	ug/kg		63	(24%-110%)			
**Decachlorobiphenyl	6.62				5.62	ug/kg		85	(25%-133%)			
QC1206490860 MB												
Aroclor-1016				U	ND	ug/kg					06/10/26	15:27

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 3007849										
Aroclor-1221			U	ND	ug/kg				JXM	06/10/26 15:27
Aroclor-1232			U	ND	ug/kg					
Aroclor-1242			U	ND	ug/kg					
Aroclor-1248			U	ND	ug/kg					
Aroclor-1254			U	ND	ug/kg					
Aroclor-1260			U	ND	ug/kg					
Aroclor-1262			U	ND	ug/kg					
Aroclor-1268			U	ND	ug/kg					
**4cmx	6.63			4.40	ug/kg		66	(24%-110%)		
**Decachlorobiphenyl	6.63			5.92	ug/kg		89	(25%-133%)		
QC1206490866 780620001 MS										
Aroclor-1016	38.7	U	ND	29.1	ug/kg		75	(30%-122%)		06/10/26 20:20
Aroclor-1260	38.7	U	ND	32.5	ug/kg		84	(33%-125%)		
**4cmx	7.73		5.57	5.10	ug/kg		66	(24%-110%)		
**Decachlorobiphenyl	7.73		6.73	5.99	ug/kg		77	(25%-133%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB											
Batch 3007849											
QC1206490867 780620001 MSD											
Aroclor-1016	38.5	U	ND		30.9	ug/kg	6	80	(0%-35%)	JXM	06/10/26 20:35
Aroclor-1260	38.5	U	ND		34.4	ug/kg	6	89	(0%-37%)		
**4cmx	7.69		5.57		5.32	ug/kg		69	(24%-110%)		
**Decachlorobiphenyl	7.69		6.73		6.19	ug/kg		81	(25%-133%)		
Semi-Volatiles-Pesticide											
Batch 3008465											
QC1206492185 LCS											
4,4'-DDD	41.6				42.2	ug/kg		101	(70%-130%)	YS1	06/10/26 13:37
4,4'-DDE	41.6				41.4	ug/kg		100	(70%-130%)		
4,4'-DDT	41.6				43.8	ug/kg		105	(70%-130%)		
Aldrin	16.6				19.3	ug/kg		116	(70%-130%)		
Dieldrin	41.6				41.7	ug/kg		100	(70%-130%)		
Endosulfan I	16.6				15.9	ug/kg		96	(70%-130%)		
Endosulfan II	41.6				40.8	ug/kg		98	(70%-130%)		
Endosulfan sulfate	41.6				40.5	ug/kg		97	(70%-130%)		
Endrin	41.6				39.6	ug/kg		95	(70%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3008465										
Endrin aldehyde	41.6			39.2	ug/kg		94	(70%-130%)	YS1	06/10/26 13:37
Endrin ketone	41.6			41.7	ug/kg		100	(70%-130%)		
Heptachlor	16.6			15.3	ug/kg		92	(70%-130%)		
Heptachlor epoxide	16.6			17.8	ug/kg		107	(70%-130%)		
Methoxychlor	166			164	ug/kg		98	(70%-130%)		
alpha-BHC	16.6			15.7	ug/kg		94	(70%-130%)		
beta-BHC	16.6			15.0	ug/kg		90	(70%-130%)		
cis-Chlordane	16.6			15.7	ug/kg		94	(70%-130%)		
delta-BHC	16.6			16.4	ug/kg		98	(70%-130%)		
gamma-BHC (Lindane)	16.6			15.6	ug/kg		94	(70%-130%)		
trans-Chlordane	16.6			16.1	ug/kg		97	(70%-130%)		
**4cmx	33.3			29.5	ug/kg		89	(23%-137%)		
**Decachlorobiphenyl	33.3			34.2	ug/kg		103	(32%-150%)		
QC1206492221 LCS										
Toxaphene	133			142	ug/kg		107	(70%-130%)		06/10/26 13:52

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-Pesticide											
Batch 3008465											
**4cmx	33.2			28.6	ug/kg		86	(23%-137%)	YS1	06/10/26	13:52
**Decachlorobiphenyl	33.2			32.3	ug/kg		97	(32%-150%)			
QC1206492222 LCS											
**4cmx	33.3			25.7	ug/kg		77	(23%-137%)		06/10/26	14:07
**Decachlorobiphenyl	33.3			31.9	ug/kg		96	(32%-150%)			
QC1206492201 LCSD											
4,4'-DDD	41.7			42.2	ug/kg	0	101	(0%-30%)		06/10/26	14:37
4,4'-DDE	41.7			40.9	ug/kg	1	98	(0%-30%)			
4,4'-DDT	41.7			43.2	ug/kg	1	104	(0%-30%)			
Aldrin	16.7			19.0	ug/kg	1	114	(0%-30%)			
Dieldrin	41.7			40.8	ug/kg	2	98	(0%-30%)			
Endosulfan I	16.7			14.3	ug/kg	11	86	(0%-30%)			
Endosulfan II	41.7			36.6	ug/kg	11	88	(0%-30%)			
Endosulfan sulfate	41.7			42.1	ug/kg	4	101	(0%-30%)			
Endrin	41.7			39.3	ug/kg	1	94	(0%-30%)			
Endrin aldehyde	41.7			39.4	ug/kg	0	94	(0%-30%)			

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3008465										
Endrin ketone	41.7			42.5	ug/kg	2	102	(0%-30%)	YS1	06/10/26 14:37
Heptachlor	16.7			15.1	ug/kg	1	91	(0%-30%)		
Heptachlor epoxide	16.7			17.5	ug/kg	2	105	(0%-30%)		
Methoxychlor	167			159	ug/kg	3	95	(0%-30%)		
alpha-BHC	16.7			15.3	ug/kg	3	92	(0%-30%)		
beta-BHC	16.7			15.0	ug/kg	0	90	(0%-30%)		
cis-Chlordane	16.7			15.5	ug/kg	1	93	(0%-30%)		
delta-BHC	16.7			15.1	ug/kg	8	91	(0%-30%)		
gamma-BHC (Lindane)	16.7			15.2	ug/kg	3	91	(0%-30%)		
trans-Chlordane	16.7			16.0	ug/kg	1	96	(0%-30%)		
**4cmx	33.3			27.5	ug/kg		83	(23%-137%)		
**Decachlorobiphenyl	33.3			32.8	ug/kg		98	(32%-150%)		
QC1206492184 MB										
4,4'-DDD			U	ND	ug/kg					06/10/26 13:22
4,4'-DDE			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3008465										
4,4'-DDT			U	ND	ug/kg				YS1	06/10/26 13:22
Aldrin			U	ND	ug/kg					
Dieldrin			U	ND	ug/kg					
Endosulfan I			U	ND	ug/kg					
Endosulfan II			U	ND	ug/kg					
Endosulfan sulfate			U	ND	ug/kg					
Endrin			U	ND	ug/kg					
Endrin aldehyde			U	ND	ug/kg					
Endrin ketone			U	ND	ug/kg					
Heptachlor			U	ND	ug/kg					
Heptachlor epoxide			U	ND	ug/kg					
Methoxychlor			U	ND	ug/kg					
Toxaphene			U	ND	ug/kg					
alpha-BHC			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-Pesticide												
Batch 3008465												
beta-BHC				U	ND	ug/kg				YS1	06/10/26	13:22
cis-Chlordane				U	ND	ug/kg						
delta-BHC				U	ND	ug/kg						
gamma-BHC (Lindane)				U	ND	ug/kg						
trans-Chlordane				U	ND	ug/kg						
**4cmx	33.2				30.4	ug/kg		92	(23%-137%)			
**Decachlorobiphenyl	33.2				34.4	ug/kg		104	(32%-150%)			
QC1206492817 780620003 MS												
Aldrin	19.4	U	ND		18.2	ug/kg		94	(22%-148%)		06/10/26	15:43
Endrin	48.5	U	ND		29.7	ug/kg		61	(35%-162%)			
Heptachlor	19.4	U	ND		13.0	ug/kg		67	(19%-154%)			
Methoxychlor	194	U	ND		85.9	ug/kg		44	(18%-166%)			
gamma-BHC (Lindane)	19.4	U	ND		12.2	ug/kg		63	(23%-150%)			
**4cmx	38.8		28.0		29.1	ug/kg		75	(23%-137%)			
**Decachlorobiphenyl	38.8		26.3		22.3	ug/kg		57	(32%-150%)			

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-Pesticide												
Batch 3008465												
QC1206492818 780620003 MSD												
Aldrin	19.5	U	ND		17.8	ug/kg	2	91	(0%-30%)	YS1	06/10/26	16:00
Endrin	48.7	U	ND		32.7	ug/kg	10	67	(0%-30%)			
Heptachlor	19.5	U	ND		12.5	ug/kg	3	64	(0%-30%)			
Methoxychlor	195	U	ND		109	ug/kg	24	56	(0%-30%)			
gamma-BHC (Lindane)	19.5	U	ND		12.2	ug/kg	0	63	(0%-30%)			
**4cmx	38.9		28.0		28.4	ug/kg		73	(23%-137%)			
**Decachlorobiphenyl	38.9		26.3		26.5	ug/kg		68	(32%-150%)			
Spectrometric Analysis												
Batch 3009991												
QC1206495098 779753005 DUP												
Hexavalent Chromium		J	0.190	J	0.190	mg/kg	0.00581	^	(+/-0.260)	BR2	06/16/26	13:17
QC1206495102 ILCS												
Hexavalent Chromium	6.93				6.80	mg/kg		98.1	(80%-120%)		06/16/26	13:17
QC1206495097 LCS												
Hexavalent Chromium	3.41				3.20	mg/kg		93.9	(80%-120%)		06/16/26	13:17
QC1206495096 MB												
Hexavalent Chromium				U	ND	mg/kg					06/16/26	13:17
QC1206495099 779753005 MS												
Hexavalent Chromium	2.60	J	0.190		1.10	mg/kg		34.9*	(75%-125%)		06/16/26	13:17

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 3010760											
QC1206496310 780112001 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/kg	N/A			BR2	06/17/26 12:43
QC1206496314 ILCS											
Hexavalent Chromium	6.98				6.96	mg/kg		99.8	(80%-120%)		06/17/26 12:43
QC1206496309 LCS											
Hexavalent Chromium	3.45				3.28	mg/kg		95	(80%-120%)		06/17/26 12:43
QC1206496308 MB											
Hexavalent Chromium				U	ND	mg/kg					06/17/26 12:43
QC1206496311 780112001 MS											
Hexavalent Chromium	3.75	U	ND		3.48	mg/kg		90	(75%-125%)		06/17/26 12:43
Volatile-GC/MS											
Batch 3012880											
QC1206500703 HB											
1,1,1-Trichloroethane				U	ND	ug/kg				CO1	06/16/26 12:41
1,1,2,2-Tetrachloroethane				U	ND	ug/kg					
1,1,2-Trichloroethane				U	ND	ug/kg					
1,1-Dichloroethane				U	ND	ug/kg					
1,1-Dichloroethylene				U	ND	ug/kg					
1,2,3-Trichlorobenzene				J	42.0	ug/kg					
1,2,4-Trichlorobenzene				U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
1,2-Dibromo-3-chloropropane			U	ND	ug/kg				CO1	06/16/26 12:41
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
Bromodichloromethane			U	ND	ug/kg				CO1	06/16/26 12:41
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
Methyl acetate			U	ND	ug/kg				CO1	06/16/26 12:41
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
tert-Butyl methyl ether			U	ND	ug/kg				CO1	06/16/26 12:41
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			43.4	ug/L		87	(75%-131%)		
**Bromofluorobenzene	50.0			50.6	ug/L		101	(67%-136%)		
**Toluene-d8	50.0			47.8	ug/L		96	(79%-122%)		
QC1206500696 LCS										
1,1,1-Trichloroethane	50.0			55.1	ug/kg		110	(72%-126%)		06/16/26 08:53
1,1,2,2-Tetrachloroethane	50.0			47.5	ug/kg		95	(69%-120%)		
1,1,2-Trichloroethane	50.0			48.6	ug/kg		97	(74%-120%)		
1,1-Dichloroethane	50.0			51.4	ug/kg		103	(72%-126%)		
1,1-Dichloroethylene	50.0			59.6	ug/kg		119	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			54.2	ug/kg		108	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			57.1	ug/kg		114	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			52.9	ug/kg		106	(60%-135%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
1,2-Dibromoethane	50.0			49.9	ug/kg		100	(79%-120%)	CO1	06/16/26 08:53
1,2-Dichlorobenzene	50.0			50.3	ug/kg		101	(73%-120%)		
1,2-Dichloroethane	50.0			46.7	ug/kg		93	(66%-123%)		
1,2-Dichloropropane	50.0			48.8	ug/kg		98	(72%-120%)		
1,3-Dichlorobenzene	50.0			50.6	ug/kg		101	(72%-120%)		
1,4-Dichlorobenzene	50.0			47.5	ug/kg		95	(72%-120%)		
2-Butanone	250			243	ug/kg		97	(66%-125%)		
2-Hexanone	250			240	ug/kg		96	(64%-131%)		
4-Methyl-2-pentanone	250			232	ug/kg		93	(70%-126%)		
Acetone	250			224	ug/kg		90	(60%-124%)		
Benzene	50.0			50.5	ug/kg		101	(73%-120%)		
Bromochloromethane	50.0			47.5	ug/kg		95	(73%-123%)		
Bromodichloromethane	50.0			49.7	ug/kg		99	(74%-124%)		
Bromoform	50.0			43.6	ug/kg		87	(64%-126%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
Bromomethane	50.0			45.3	ug/kg		91	(67%-138%)	CO1	06/16/26 08:53
Carbon disulfide	250			302	ug/kg		121	(69%-136%)		
Carbon tetrachloride	50.0			56.3	ug/kg		113	(72%-132%)		
Chlorobenzene	50.0			48.7	ug/kg		97	(74%-120%)		
Chloroethane	50.0			54.9	ug/kg		110	(69%-133%)		
Chloroform	50.0			49.4	ug/kg		99	(72%-122%)		
Chloromethane	50.0			41.4	ug/kg		83	(53%-142%)		
Cyclohexane	50.0			59.0	ug/kg		118	(63%-130%)		
Dibromochloromethane	50.0			52.4	ug/kg		105	(73%-125%)		
Dichlorodifluoromethane	50.0			65.2	ug/kg		130	(57%-150%)		
Ethylbenzene	50.0			56.2	ug/kg		112	(72%-120%)		
Isopropylbenzene	50.0			52.3	ug/kg		105	(74%-129%)		
Methyl acetate	250			229	ug/kg		92	(66%-131%)		
Methylcyclohexane	50.0			56.7	ug/kg		113	(71%-127%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
Methylene chloride	50.0			50.3	ug/kg		101	(71%-124%)	CO1	06/16/26 08:53
Styrene	50.0			47.4	ug/kg		95	(70%-123%)		
Tetrachloroethylene	50.0			54.1	ug/kg		108	(68%-126%)		
Toluene	50.0			52.3	ug/kg		105	(73%-120%)		
Trichloroethylene	50.0			52.4	ug/kg		105	(74%-122%)		
Trichlorofluoromethane	50.0			52.2	ug/kg		104	(66%-137%)		
Vinyl chloride	50.0			47.6	ug/kg		95	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			50.5	ug/kg		101	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			55.4	ug/kg		111	(74%-123%)		
m,p-Xylenes	100			113	ug/kg		113	(72%-121%)		
o-Xylene	50.0			49.4	ug/kg		99	(73%-120%)		
tert-Butyl methyl ether	50.0			49.4	ug/kg		99	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			53.1	ug/kg		106	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			46.7	ug/kg		93	(74%-125%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
**1,2-Dichloroethane-d4	50.0			46.8	ug/L		94	(75%-131%)	CO1	06/16/26 08:53
**Bromofluorobenzene	50.0			48.0	ug/L		96	(67%-136%)		
**Toluene-d8	50.0			47.3	ug/L		95	(79%-122%)		
QC1206500697 LCS										
1,4-Dioxane	2500			2320	ug/kg		93	(57%-134%)		06/16/26 09:19
Trichlorotrifluoroethane	250			225	ug/kg		90	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			45.9	ug/L		92	(75%-131%)		
**Bromofluorobenzene	50.0			53.4	ug/L		107	(67%-136%)		
**Toluene-d8	50.0			46.5	ug/L		93	(79%-122%)		
QC1206500698 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					06/16/26 10:09
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
1,2,4-Trichlorobenzene			U	ND	ug/kg				CO1	06/16/26 10:09
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
Bromochloromethane			U	ND	ug/kg				CO1	06/16/26 10:09
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
Isopropylbenzene			U	ND	ug/kg				CO1	06/16/26 10:09
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012880										
o-Xylene			U	ND	ug/kg				CO1	06/16/26 10:09
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			44.1	ug/L		88	(75%-131%)		
**Bromofluorobenzene	50.0			49.6	ug/L		99	(67%-136%)		
**Toluene-d8	50.0			46.2	ug/L		92	(79%-122%)		
QC1206500699 780268001 MS										
1,1,1-Trichloroethane	25700	U	ND	22200	ug/kg		86	(41%-133%)		06/16/26 18:11
1,1,2,2-Tetrachloroethane	25700	U	ND	22800	ug/kg		88	(37%-136%)		
1,1,2-Trichloroethane	25700	U	ND	22400	ug/kg		87	(44%-128%)		
1,1-Dichloroethane	25700	U	ND	21200	ug/kg		82	(44%-135%)		
1,1-Dichloroethylene	25700	U	ND	22800	ug/kg		88	(40%-147%)		
1,2,3-Trichlorobenzene	25700	U	ND	24900	ug/kg		97	(30%-133%)		
1,2,4-Trichlorobenzene	25700	U	ND	25500	ug/kg		99	(29%-139%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3012880											
1,2-Dibromo-3-chloropropane	25700	U	ND		26400	ug/kg		103	(30%-142%)	CO1	06/16/26 18:11
1,2-Dibromoethane	25700	U	ND		24500	ug/kg		95	(45%-133%)		
1,2-Dichlorobenzene	25700	U	ND		23500	ug/kg		91	(24%-133%)		
1,2-Dichloroethane	25700	U	ND		21100	ug/kg		82	(43%-129%)		
1,2-Dichloropropane	25700	U	ND		20900	ug/kg		81	(44%-128%)		
1,3-Dichlorobenzene	25700	U	ND		22900	ug/kg		89	(24%-132%)		
1,4-Dichlorobenzene	25700	U	ND		21300	ug/kg		83	(24%-132%)		
2-Butanone	129000	U	ND		111000	ug/kg		86	(43%-134%)		
2-Hexanone	129000	U	ND		107000	ug/kg		83	(34%-142%)		
4-Methyl-2-pentanone	129000	U	ND		107000	ug/kg		83	(44%-137%)		
Acetone	129000	U	ND		100000	ug/kg		78	(37%-134%)		
Benzene	25700	U	ND		21600	ug/kg		84	(43%-127%)		
Bromochloromethane	25700	U	ND		22900	ug/kg		89	(45%-132%)		
Bromodichloromethane	25700	U	ND		22300	ug/kg		87	(44%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3012880											
Bromoform	25700	U	ND		22300	ug/kg		86	(34%-131%)	CO1	06/16/26 18:11
Bromomethane	25700	U	ND		18100	ug/kg		70	(15%-150%)		
Carbon disulfide	129000	U	ND		116000	ug/kg		90	(39%-145%)		
Carbon tetrachloride	25700	U	ND		22400	ug/kg		87	(40%-137%)		
Chlorobenzene	25700	U	ND		22100	ug/kg		86	(35%-128%)		
Chloroethane	25700	U	ND		22100	ug/kg		86	(35%-142%)		
Chloroform	25700	U	ND		21400	ug/kg		83	(44%-129%)		
Chloromethane	25700	U	ND		17600	ug/kg		68	(32%-150%)		
Cyclohexane	25700	U	ND		21700	ug/kg		84	(30%-136%)		
Dibromochloromethane	25700	U	ND		25000	ug/kg		97	(42%-130%)		
Dichlorodifluoromethane	25700	U	ND		24900	ug/kg		97	(31%-159%)		
Ethylbenzene	25700	U	ND		23100	ug/kg		90	(33%-131%)		
Isopropylbenzene	25700	U	ND		21700	ug/kg		84	(27%-147%)		
Methyl acetate	129000	U	ND		102000	ug/kg		79	(42%-154%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3012880											
Methylcyclohexane	25700	U	ND		21600	ug/kg		84	(27%-137%)	CO1	06/16/26 18:11
Methylene chloride	25700	U	ND		21800	ug/kg		85	(43%-136%)		
Styrene	25700	U	ND		21200	ug/kg		82	(29%-133%)		
Tetrachloroethylene	25700	U	ND		22800	ug/kg		89	(31%-134%)		
Toluene	25700	U	ND		21900	ug/kg		85	(35%-132%)		
Trichloroethylene	25700	U	ND		21700	ug/kg		84	(39%-133%)		
Trichlorofluoromethane	25700	U	ND		19800	ug/kg		77	(39%-140%)		
Vinyl chloride	25700	U	ND		19200	ug/kg		74	(32%-146%)		
cis-1,2-Dichloroethylene	25700	U	ND		21400	ug/kg		83	(43%-131%)		
cis-1,3-Dichloropropylene	25700	U	ND		25300	ug/kg		98	(38%-131%)		
m,p-Xylenes	51500	U	ND		47100	ug/kg		91	(32%-131%)		
o-Xylene	25700	U	ND		21200	ug/kg		82	(33%-131%)		
tert-Butyl methyl ether	25700	U	ND		23500	ug/kg		91	(46%-128%)		
trans-1,2-Dichloroethylene	25700	U	ND		21400	ug/kg		83	(41%-135%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3012880											
trans-1,3-Dichloropropylene	25700	U	ND		21300	ug/kg		83	(37%-135%)	CO1	06/16/26 18:11
**1,2-Dichloroethane-d4	50.0		41.7		45.6	ug/L		91	(75%-131%)		
**Bromofluorobenzene	50.0		51.3		48.5	ug/L		97	(67%-136%)		
**Toluene-d8	50.0		47.1		46.1	ug/L		92	(79%-122%)		
QC1206500701 780268001 MS											
1,4-Dioxane	1290000	U	ND		1200000	ug/kg		93	(40%-142%)		06/16/26 19:02
Trichlorotrifluoroethane	129000	U	ND		87800	ug/kg		68	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		41.7		44.3	ug/L		89	(75%-131%)		
**Bromofluorobenzene	50.0		51.3		51.7	ug/L		103	(67%-136%)		
**Toluene-d8	50.0		47.1		44.9	ug/L		90	(79%-122%)		
QC1206500700 780268001 MSD											
1,1,1-Trichloroethane	25700	U	ND		21900	ug/kg	1	85	(0%-20%)		06/16/26 18:37
1,1,2,2-Tetrachloroethane	25700	U	ND		22500	ug/kg	1	87	(0%-20%)		
1,1,2-Trichloroethane	25700	U	ND		18800	ug/kg	17	73	(0%-20%)		
1,1-Dichloroethane	25700	U	ND		21100	ug/kg	1	82	(0%-20%)		
1,1-Dichloroethylene	25700	U	ND		22400	ug/kg	2	87	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3012880											
1,2,3-Trichlorobenzene	25700	U	ND		25100	ug/kg	1	98	(0%-20%)	CO1	06/16/26 18:37
1,2,4-Trichlorobenzene	25700	U	ND		25600	ug/kg	0	99	(0%-20%)		
1,2-Dibromo-3-chloropropane	25700	U	ND		26100	ug/kg	1	101	(0%-20%)		
1,2-Dibromoethane	25700	U	ND		20400	ug/kg	18	79	(0%-20%)		
1,2-Dichlorobenzene	25700	U	ND		23100	ug/kg	2	90	(0%-20%)		
1,2-Dichloroethane	25700	U	ND		20700	ug/kg	2	81	(0%-20%)		
1,2-Dichloropropane	25700	U	ND		20900	ug/kg	0	81	(0%-20%)		
1,3-Dichlorobenzene	25700	U	ND		22700	ug/kg	1	88	(0%-20%)		
1,4-Dichlorobenzene	25700	U	ND		21300	ug/kg	0	83	(0%-20%)		
2-Butanone	129000	U	ND		110000	ug/kg	1	86	(0%-20%)		
2-Hexanone	129000	U	ND		90000	ug/kg	17	70	(0%-20%)		
4-Methyl-2-pentanone	129000	U	ND		90200	ug/kg	17	70	(0%-20%)		
Acetone	129000	U	ND		99800	ug/kg	1	78	(0%-20%)		
Benzene	25700	U	ND		21100	ug/kg	2	82	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3012880											
Bromochloromethane	25700	U	ND		22900	ug/kg	0	89	(0%-20%)	CO1	06/16/26 18:37
Bromodichloromethane	25700	U	ND		22200	ug/kg	0	86	(0%-20%)		
Bromoform	25700	U	ND		22100	ug/kg	1	86	(0%-20%)		
Bromomethane	25700	U	ND		18200	ug/kg	0	71	(0%-20%)		
Carbon disulfide	129000	U	ND		114000	ug/kg	2	89	(0%-20%)		
Carbon tetrachloride	25700	U	ND		22000	ug/kg	2	85	(0%-20%)		
Chlorobenzene	25700	U	ND		18400	ug/kg	18	72	(0%-20%)		
Chloroethane	25700	U	ND		21800	ug/kg	2	85	(0%-20%)		
Chloroform	25700	U	ND		21000	ug/kg	2	82	(0%-20%)		
Chloromethane	25700	U	ND		17400	ug/kg	1	68	(0%-20%)		
Cyclohexane	25700	U	ND		21000	ug/kg	3	82	(0%-20%)		
Dibromochloromethane	25700	U	ND		20800	ug/kg	18	81	(0%-20%)		
Dichlorodifluoromethane	25700	U	ND		24200	ug/kg	3	94	(0%-20%)		
Ethylbenzene	25700	U	ND		19200	ug/kg	18	75	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS												
Batch 3012880												
Isopropylbenzene	25700	U	ND		21500	ug/kg	1		84	(0%-20%)	CO1	06/16/26 18:37
Methyl acetate	129000	U	ND		101000	ug/kg	1		78	(0%-20%)		
Methylcyclohexane	25700	U	ND		21200	ug/kg	2		82	(0%-20%)		
Methylene chloride	25700	U	ND		21200	ug/kg	3		82	(0%-20%)		
Styrene	25700	U	ND		17800	ug/kg	17		69	(0%-20%)		
Tetrachloroethylene	25700	U	ND		18500	ug/kg	21	*	72	(0%-20%)		
Toluene	25700	U	ND		18200	ug/kg	18		71	(0%-20%)		
Trichloroethylene	25700	U	ND		21600	ug/kg	1		84	(0%-20%)		
Trichlorofluoromethane	25700	U	ND		20000	ug/kg	1		78	(0%-20%)		
Vinyl chloride	25700	U	ND		19200	ug/kg	0		74	(0%-20%)		
cis-1,2-Dichloroethylene	25700	U	ND		21300	ug/kg	1		83	(0%-20%)		
cis-1,3-Dichloropropylene	25700	U	ND		24900	ug/kg	2		97	(0%-20%)		
m,p-Xylenes	51500	U	ND		39200	ug/kg	18		76	(0%-20%)		
o-Xylene	25700	U	ND		17600	ug/kg	18		68	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3012880											
tert-Butyl methyl ether	25700	U	ND		22900	ug/kg	2	89	(0%-20%)	CO1	06/16/26 18:37
trans-1,2-Dichloroethylene	25700	U	ND		21100	ug/kg	1	82	(0%-20%)		
trans-1,3-Dichloropropylene	25700	U	ND		18000	ug/kg	17	70	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		41.7		45.1	ug/L		90	(75%-131%)		
**Bromofluorobenzene	50.0		51.3		48.7	ug/L		97	(67%-136%)		
**Toluene-d8	50.0		47.1		39.0	ug/L		78*	(79%-122%)		
QC1206500702 780268001 MSD											
1,4-Dioxane	1290000	U	ND		1210000	ug/kg	1	94	(0%-20%)		06/16/26 19:27
Trichlorotrifluoroethane	129000	U	ND		85200	ug/kg	3	66	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		41.7		44.8	ug/L		90	(75%-131%)		
**Bromofluorobenzene	50.0		51.3		52.3	ug/L		105	(67%-136%)		
**Toluene-d8	50.0		47.1		45.3	ug/L		91	(79%-122%)		
Batch 3012932											
QC1206500826 LCS											
1,1,1-Trichloroethane	50.0				47.0	ug/L		94	(70%-130%)	JM6	06/16/26 10:56
1,1,2,2-Tetrachloroethane	50.0				43.2	ug/L		86	(70%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3012932											
1,1,2-Trichloroethane	50.0			43.7	ug/L		87	(70%-130%)	JM6	06/16/26	10:56
1,1-Dichloroethane	50.0			44.9	ug/L		90	(70%-130%)			
1,1-Dichloroethylene	50.0			49.7	ug/L		99	(70%-130%)			
1,2,3-Trichlorobenzene	50.0			40.6	ug/L		81	(70%-130%)			
1,2,4-Trichlorobenzene	50.0			42.3	ug/L		85	(70%-130%)			
1,2-Dibromo-3-chloropropane	50.0			37.5	ug/L		75	(70%-130%)			
1,2-Dibromoethane	50.0			44.2	ug/L		88	(70%-130%)			
1,2-Dichlorobenzene	50.0			42.3	ug/L		85	(70%-130%)			
1,2-Dichloroethane	50.0			43.6	ug/L		87	(70%-130%)			
1,2-Dichloropropane	50.0			43.4	ug/L		87	(70%-130%)			
1,3-Dichlorobenzene	50.0			43.2	ug/L		86	(70%-130%)			
1,4-Dichlorobenzene	50.0			42.6	ug/L		85	(70%-130%)			
2-Butanone	250			213	ug/L		85	(70%-130%)			
2-Hexanone	250			201	ug/L		80	(70%-130%)			

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3012932											
4-Methyl-2-pentanone	250			212	ug/L		85	(70%-130%)	JM6	06/16/26	10:56
Acetone	250			209	ug/L		84	(70%-130%)			
Benzene	50.0			44.5	ug/L		89	(70%-130%)			
Bromochloromethane	50.0			47.6	ug/L		95	(70%-130%)			
Bromodichloromethane	50.0			44.7	ug/L		89	(70%-130%)			
Bromoform	50.0			39.1	ug/L		78	(70%-130%)			
Bromomethane	50.0			49.8	ug/L		100	(70%-130%)			
Carbon disulfide	250			278	ug/L		111	(70%-130%)			
Carbon tetrachloride	50.0			48.7	ug/L		97	(70%-130%)			
Chlorobenzene	50.0			43.6	ug/L		87	(70%-130%)			
Chloroethane	50.0			55.0	ug/L		110	(70%-130%)			
Chloroform	50.0			44.3	ug/L		89	(70%-130%)			
Chloromethane	50.0			47.1	ug/L		94	(70%-130%)			
Cyclohexane	50.0			42.1	ug/L		84	(70%-130%)			

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
Dibromochloromethane	50.0			46.5	ug/L		93	(70%-130%)	JM6	06/16/26 10:56
Dichlorodifluoromethane	50.0			57.5	ug/L		115	(70%-130%)		
Ethylbenzene	50.0			42.7	ug/L		85	(70%-130%)		
Isopropylbenzene	50.0			44.1	ug/L		88	(70%-130%)		
Methyl acetate	250			215	ug/L		86	(70%-130%)		
Methylcyclohexane	50.0			43.8	ug/L		88	(70%-130%)		
Methylene chloride	50.0			45.9	ug/L		92	(70%-130%)		
Styrene	50.0			43.4	ug/L		87	(70%-130%)		
Tetrachloroethylene	50.0			45.4	ug/L		91	(70%-130%)		
Toluene	50.0			43.2	ug/L		86	(70%-130%)		
Trichloroethylene	50.0			45.0	ug/L		90	(70%-130%)		
Trichlorofluoromethane	50.0			51.3	ug/L		103	(70%-130%)		
Vinyl chloride	50.0			53.4	ug/L		107	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			43.5	ug/L		87	(70%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
cis-1,3-Dichloropropylene	50.0			47.1	ug/L		94	(70%-130%)	JM6	06/16/26 10:56
m,p-Xylenes	100			86.5	ug/L		86	(70%-130%)		
o-Xylene	50.0			42.2	ug/L		84	(70%-130%)		
tert-Butyl methyl ether	50.0			42.2	ug/L		84	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			45.8	ug/L		92	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			45.3	ug/L		91	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			50.1	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0			48.7	ug/L		97	(77%-123%)		
**Toluene-d8	50.0			50.5	ug/L		101	(77%-121%)		
QC1206500827 LCS										
1,1,1-Trichloroethane			U	ND	ug/L			(70%-130%)		06/16/26 11:46
1,1,2,2-Tetrachloroethane			U	ND	ug/L			(70%-130%)		
1,1,2-Trichloroethane			U	ND	ug/L			(70%-130%)		
1,1-Dichloroethane			U	ND	ug/L			(70%-130%)		
1,1-Dichloroethylene			U	ND	ug/L			(70%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
1,2,3-Trichlorobenzene			U	ND	ug/L			(70%-130%)	JM6	06/16/26 11:46
1,2,4-Trichlorobenzene			U	ND	ug/L			(70%-130%)		
1,2-Dibromo-3-chloropropane			U	ND	ug/L			(70%-130%)		
1,2-Dibromoethane			U	ND	ug/L			(70%-130%)		
1,2-Dichlorobenzene			U	ND	ug/L			(70%-130%)		
1,2-Dichloroethane			U	ND	ug/L			(70%-130%)		
1,2-Dichloropropane			U	ND	ug/L			(70%-130%)		
1,3-Dichlorobenzene			U	ND	ug/L			(70%-130%)		
1,4-Dichlorobenzene			U	ND	ug/L			(70%-130%)		
1,4-Dioxane	2500			2280	ug/L		91	(70%-130%)		
2-Butanone			U	ND	ug/L			(70%-130%)		
2-Hexanone			U	ND	ug/L			(70%-130%)		
4-Methyl-2-pentanone			U	ND	ug/L			(70%-130%)		
Acetone			U	ND	ug/L			(70%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
Benzene			U	ND	ug/L			(70%-130%)	JM6	06/16/26 11:46
Bromochloromethane			U	ND	ug/L			(70%-130%)		
Bromodichloromethane			U	ND	ug/L			(70%-130%)		
Bromoform			U	ND	ug/L			(70%-130%)		
Bromomethane			U	ND	ug/L			(70%-130%)		
Carbon disulfide			U	ND	ug/L			(70%-130%)		
Carbon tetrachloride			U	ND	ug/L			(70%-130%)		
Chlorobenzene			U	ND	ug/L			(70%-130%)		
Chloroethane			U	ND	ug/L			(70%-130%)		
Chloroform			U	ND	ug/L			(70%-130%)		
Chloromethane			U	ND	ug/L			(70%-130%)		
Cyclohexane			U	ND	ug/L			(70%-130%)		
Dibromochloromethane			U	ND	ug/L			(70%-130%)		
Dichlorodifluoromethane			U	ND	ug/L			(70%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
Ethylbenzene			U	ND	ug/L			(70%-130%)	JM6	06/16/26 11:46
Isopropylbenzene			U	ND	ug/L			(70%-130%)		
Methyl acetate			U	ND	ug/L			(70%-130%)		
Methylcyclohexane			U	ND	ug/L			(70%-130%)		
Methylene chloride			U	ND	ug/L			(70%-130%)		
Styrene			U	ND	ug/L			(70%-130%)		
Tetrachloroethylene			U	ND	ug/L			(70%-130%)		
Toluene			U	ND	ug/L			(70%-130%)		
Trichloroethylene			U	ND	ug/L			(70%-130%)		
Trichlorofluoromethane			U	ND	ug/L			(70%-130%)		
Trichlorotrifluoroethane	250			225	ug/L		90	(70%-130%)		
Vinyl chloride			U	ND	ug/L			(70%-130%)		
cis-1,2-Dichloroethylene			U	ND	ug/L			(70%-130%)		
cis-1,3-Dichloropropylene			U	ND	ug/L			(70%-130%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
m,p-Xylenes			U	ND	ug/L			(70%-130%)	JM6	06/16/26 11:46
o-Xylene			U	ND	ug/L			(70%-130%)		
tert-Butyl methyl ether			U	ND	ug/L			(70%-130%)		
trans-1,2-Dichloroethylene			U	ND	ug/L			(70%-130%)		
trans-1,3-Dichloropropylene			U	ND	ug/L			(70%-130%)		
**1,2-Dichloroethane-d4	50.0			48.6	ug/L		97	(71%-131%)		
**Bromofluorobenzene	50.0			48.8	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			50.4	ug/L		101	(77%-121%)		
QC1206500828 LCSD										
1,1,1-Trichloroethane	50.0			46.6	ug/L	1	93	(0%-20%)		06/16/26 11:21
1,1,2,2-Tetrachloroethane	50.0			43.7	ug/L	1	87	(0%-20%)		
1,1,2-Trichloroethane	50.0			44.9	ug/L	3	90	(0%-20%)		
1,1-Dichloroethane	50.0			44.5	ug/L	1	89	(0%-20%)		
1,1-Dichloroethylene	50.0			48.1	ug/L	3	96	(0%-20%)		
1,2,3-Trichlorobenzene	50.0			40.0	ug/L	1	80	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3012932											
1,2,4-Trichlorobenzene	50.0			41.4	ug/L	2	83	(0%-20%)	JM6	06/16/26	11:21
1,2-Dibromo-3-chloropropane	50.0			37.1	ug/L	1	74	(0%-20%)			
1,2-Dibromoethane	50.0			45.2	ug/L	2	90	(0%-20%)			
1,2-Dichlorobenzene	50.0			42.6	ug/L	1	85	(0%-20%)			
1,2-Dichloroethane	50.0			44.1	ug/L	1	88	(0%-20%)			
1,2-Dichloropropane	50.0			44.6	ug/L	3	89	(0%-20%)			
1,3-Dichlorobenzene	50.0			43.9	ug/L	2	88	(0%-20%)			
1,4-Dichlorobenzene	50.0			43.7	ug/L	3	87	(0%-20%)			
2-Butanone	250			215	ug/L	1	86	(0%-20%)			
2-Hexanone	250			201	ug/L	0	81	(0%-20%)			
4-Methyl-2-pentanone	250			212	ug/L	0	85	(0%-20%)			
Acetone	250			201	ug/L	4	80	(0%-20%)			
Benzene	50.0			44.8	ug/L	1	90	(0%-20%)			
Bromochloromethane	50.0			47.3	ug/L	1	95	(0%-20%)			

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
Bromodichloromethane	50.0			45.7	ug/L	2	91	(0%-20%)	JM6	06/16/26 11:21
Bromoform	50.0			40.9	ug/L	5	82	(0%-20%)		
Bromomethane	50.0			46.4	ug/L	7	93	(0%-20%)		
Carbon disulfide	250			268	ug/L	3	107	(0%-20%)		
Carbon tetrachloride	50.0			48.2	ug/L	1	96	(0%-20%)		
Chlorobenzene	50.0			44.5	ug/L	2	89	(0%-20%)		
Chloroethane	50.0			52.2	ug/L	5	104	(0%-20%)		
Chloroform	50.0			43.9	ug/L	1	88	(0%-20%)		
Chloromethane	50.0			43.2	ug/L	9	86	(0%-20%)		
Cyclohexane	50.0			41.1	ug/L	2	82	(0%-20%)		
Dibromochloromethane	50.0			47.7	ug/L	3	95	(0%-20%)		
Dichlorodifluoromethane	50.0			53.9	ug/L	6	108	(0%-20%)		
Ethylbenzene	50.0			43.3	ug/L	2	87	(0%-20%)		
Isopropylbenzene	50.0			44.3	ug/L	0	89	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
Methyl acetate	250			214	ug/L	0	86	(0%-20%)	JM6	06/16/26 11:21
Methylcyclohexane	50.0			43.5	ug/L	1	87	(0%-20%)		
Methylene chloride	50.0			45.1	ug/L	2	90	(0%-20%)		
Styrene	50.0			44.6	ug/L	3	89	(0%-20%)		
Tetrachloroethylene	50.0			45.8	ug/L	1	92	(0%-20%)		
Toluene	50.0			43.7	ug/L	1	87	(0%-20%)		
Trichloroethylene	50.0			45.3	ug/L	1	91	(0%-20%)		
Trichlorofluoromethane	50.0			49.4	ug/L	4	99	(0%-20%)		
Vinyl chloride	50.0			48.3	ug/L	10	97	(0%-20%)		
cis-1,2-Dichloroethylene	50.0			43.5	ug/L	0	87	(0%-20%)		
cis-1,3-Dichloropropylene	50.0			49.8	ug/L	6	100	(0%-20%)		
m,p-Xylenes	100			87.9	ug/L	2	88	(0%-20%)		
o-Xylene	50.0			42.2	ug/L	0	84	(0%-20%)		
tert-Butyl methyl ether	50.0			44.8	ug/L	6	90	(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
trans-1,2-Dichloroethylene	50.0			44.9	ug/L	2	90	(0%-20%)	JM6	06/16/26 11:21
trans-1,3-Dichloropropylene	50.0			48.2	ug/L	6	96	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			49.1	ug/L		98	(71%-131%)		
**Bromofluorobenzene	50.0			49.2	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			49.9	ug/L		100	(77%-121%)		
QC1206500829 LCSD										
1,1,1-Trichloroethane			U	ND	ug/L	N/A		(0%-20%)		06/16/26 12:12
1,1,2,2-Tetrachloroethane			U	ND	ug/L	N/A		(0%-20%)		
1,1,2-Trichloroethane			U	ND	ug/L	N/A		(0%-20%)		
1,1-Dichloroethane			U	ND	ug/L	N/A		(0%-20%)		
1,1-Dichloroethylene			U	ND	ug/L	N/A		(0%-20%)		
1,2,3-Trichlorobenzene			U	ND	ug/L	N/A		(0%-20%)		
1,2,4-Trichlorobenzene			U	ND	ug/L	N/A		(0%-20%)		
1,2-Dibromo-3-chloropropane			U	ND	ug/L	N/A		(0%-20%)		
1,2-Dibromoethane			U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
1,2-Dichlorobenzene			U	ND	ug/L	N/A		(0%-20%)	JM6	06/16/26 12:12
1,2-Dichloroethane			U	ND	ug/L	N/A		(0%-20%)		
1,2-Dichloropropane			U	ND	ug/L	N/A		(0%-20%)		
1,3-Dichlorobenzene			U	ND	ug/L	N/A		(0%-20%)		
1,4-Dichlorobenzene			U	ND	ug/L	N/A		(0%-20%)		
1,4-Dioxane	2500			2400	ug/L	5	96	(0%-20%)		
2-Butanone			U	ND	ug/L	N/A		(0%-20%)		
2-Hexanone			U	ND	ug/L	N/A		(0%-20%)		
4-Methyl-2-pentanone			U	ND	ug/L	N/A		(0%-20%)		
Acetone			U	ND	ug/L	N/A		(0%-20%)		
Benzene			U	ND	ug/L	N/A		(0%-20%)		
Bromochloromethane			U	ND	ug/L	N/A		(0%-20%)		
Bromodichloromethane			U	ND	ug/L	N/A		(0%-20%)		
Bromoform			U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
Bromomethane			U	ND	ug/L	N/A		(0%-20%)	JM6	06/16/26 12:12
Carbon disulfide			U	ND	ug/L	N/A		(0%-20%)		
Carbon tetrachloride			U	ND	ug/L	N/A		(0%-20%)		
Chlorobenzene			U	ND	ug/L	N/A		(0%-20%)		
Chloroethane			U	ND	ug/L	N/A		(0%-20%)		
Chloroform			U	ND	ug/L	N/A		(0%-20%)		
Chloromethane			U	ND	ug/L	N/A		(0%-20%)		
Cyclohexane			U	ND	ug/L	N/A		(0%-20%)		
Dibromochloromethane			U	ND	ug/L	N/A		(0%-20%)		
Dichlorodifluoromethane			U	ND	ug/L	N/A		(0%-20%)		
Ethylbenzene			U	ND	ug/L	N/A		(0%-20%)		
Isopropylbenzene			U	ND	ug/L	N/A		(0%-20%)		
Methyl acetate			U	ND	ug/L	N/A		(0%-20%)		
Methylcyclohexane			U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
Methylene chloride			U	ND	ug/L	N/A		(0%-20%)	JM6	06/16/26 12:12
Styrene			U	ND	ug/L	N/A		(0%-20%)		
Tetrachloroethylene			U	ND	ug/L	N/A		(0%-20%)		
Toluene			U	ND	ug/L	N/A		(0%-20%)		
Trichloroethylene			U	ND	ug/L	N/A		(0%-20%)		
Trichlorofluoromethane			U	ND	ug/L	N/A		(0%-20%)		
Trichlorotrifluoroethane	250			231	ug/L	3	93	(0%-20%)		
Vinyl chloride			U	ND	ug/L	N/A		(0%-20%)		
cis-1,2-Dichloroethylene			U	ND	ug/L	N/A		(0%-20%)		
cis-1,3-Dichloropropylene			U	ND	ug/L	N/A		(0%-20%)		
m,p-Xylenes			U	ND	ug/L	N/A		(0%-20%)		
o-Xylene			U	ND	ug/L	N/A		(0%-20%)		
tert-Butyl methyl ether			U	ND	ug/L	N/A		(0%-20%)		
trans-1,2-Dichloroethylene			U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3012932										
trans-1,3-Dichloropropylene			U	ND	ug/L	N/A		(0%-20%)	JM6	06/16/26 12:12
**1,2-Dichloroethane-d4	50.0			49.2	ug/L		98	(71%-131%)		
**Bromofluorobenzene	50.0			48.7	ug/L		97	(77%-123%)		
**Toluene-d8	50.0			50.5	ug/L		101	(77%-121%)		
QC1206500830 MB										
1,1,1-Trichloroethane			U	ND	ug/L					06/16/26 13:03
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3012932											
1,2-Dichloroethane			U	ND	ug/L				JM6	06/16/26	13:03
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						
Bromodichloromethane			U	ND	ug/L						
Bromoform			U	ND	ug/L						
Bromomethane			U	ND	ug/L						

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3012932											
Carbon disulfide			U	ND	ug/L				JM6	06/16/26	13:03
Carbon tetrachloride			U	ND	ug/L						
Chlorobenzene			U	ND	ug/L						
Chloroethane			U	ND	ug/L						
Chloroform			U	ND	ug/L						
Chloromethane			U	ND	ug/L						
Cyclohexane			U	ND	ug/L						
Dibromochloromethane			U	ND	ug/L						
Dichlorodifluoromethane			U	ND	ug/L						
Ethylbenzene			U	ND	ug/L						
Isopropylbenzene			U	ND	ug/L						
Methyl acetate			U	ND	ug/L						
Methylcyclohexane			U	ND	ug/L						
Methylene chloride			U	ND	ug/L						

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3012932											
Styrene			U	ND	ug/L				JM6	06/16/26	13:03
Tetrachloroethylene			U	ND	ug/L						
Toluene			U	ND	ug/L						
Trichloroethylene			U	ND	ug/L						
Trichlorofluoromethane			U	ND	ug/L						
Trichlorotrifluoroethane			U	ND	ug/L						
Vinyl chloride			U	ND	ug/L						
cis-1,2-Dichloroethylene			U	ND	ug/L						
cis-1,3-Dichloropropylene			U	ND	ug/L						
m,p-Xylenes			U	ND	ug/L						
o-Xylene			U	ND	ug/L						
tert-Butyl methyl ether			U	ND	ug/L						
trans-1,2-Dichloroethylene			U	ND	ug/L						
trans-1,3-Dichloropropylene			U	ND	ug/L						

QC Summary

Workorder: **779753**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 3012932											
**1,2-Dichloroethane-d4	50.0			49.0	ug/L		98	(71%-131%)	JM6	06/16/26	13:03
**Bromofluorobenzene	50.0			45.9	ug/L		92	(77%-123%)			
**Toluene-d8	50.0			50.2	ug/L		100	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

J J Value is estimated

E E Concentration of the target analyte exceeds the instrument calibration range

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: 1 of 2
Project # RVDEW226
GEL Quote #: GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 779753
GEL Project Manager: Julie Robinson

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Georgetown, SC
Collected By: Client (BPB)
Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb1 TAL Metals, TCL SVOCs	CN, TCL PCBs, TCL Pesticides	<-- Preservative Type (6)
LS-TB-060226	06-02-26	0800	TB	N	DI			3	3			
LS-SB-26-3.5		0900	G	N	SO			5	4	1		
LS-SB-44-2.5		0925	G	N	SO			5	4	1		
LS-SB-36-0.5		1010	G	N	SO			2		1	1	
LS-SB-36-3.0		1020	G	N	SO			6	4	1	1	
LS-SB-35-3.0		1035	G	N	SO			5	4	1		
LS-SB-34-2.5		1100	G	N	SO			5	4	1		
LS-SB-12-5.0		1315	G	N	SO			1		1		
LS-SB-12-7.0		1320	G	N	SO			5	4	1		

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		6-3-26	0815		6/3/26	0815
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)
Fax Results: [ ] Yes [ ] No
Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4
Additional Remarks:
For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 3-4c

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone: [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate. If no preservative is added = leave field blank

7) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

Page: 2 of 2
Project # RVDEW226
GEL Quote #: GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number:
GEL Project Manager: Julie Robinson

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Georgetown, SC
Collected By: Client (BPB)
Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TAL Metals, TCL SVOCs	<-- Preservative Type (6)	Comments
LS-SB-13-4.0	06-02-26	1350	G	N	SO			1		1		Note: extra sample is required for sample specific QC
LS-SB-13-6.0		1355	G	N	SO			5	4	1		
LS-SB-10-3.0		1440	G	N	SO			1		1		
LS-SB-10-5.0		1445	G	N	SO			5	4	1		
LS-SB-11-3.0		1610	G	N	SO			1		1		
LS-SB-11-6.6		1615	G	N	SO			5	4	1		
LS-SB-09-2.0		1730	G	N	SO			1		1		
LS-SB-09-4.0		1735	G	N	SO			5	4	1		

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1		6-3-26	0815		6/3/26	0815
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: ___ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] *Yes* [ ] *No* *Cooler Temp:* 3-4 °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone : [X] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number = Client Determined

2) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **82** *, 6010B/7470A*) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SI** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: GEL	SDG/AR/COC/Work Order: 779753	GEL PM:
Received By: [signature]	Date Received at GEL: 6/3/26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # 1124-24 Daily Calibration Performed? Y/N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
Cooler 1	3				
Cooler 2	4				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No✓ NA___ Sample IDs and containers affected: 2 of 3 Trip Blanks (GEL provided)
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CW Date 6/3/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 17 June 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 779753

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 3012880

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 3012872

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753002	LS-SB-26-3.5
779753003	LS-SB-44-2.5
779753005	LS-SB-36-3.0
779753006	LS-SB-35-3.0
779753007	LS-SB-34-2.5
779753009	LS-SB-12-7.0
779753011	LS-SB-13-6.0
779753013	LS-SB-10-5.0
779753015	LS-SB-11-6.0
779753017	LS-SB-09-4.0
1206500696	Laboratory Control Sample (LCS) **Batch 3012880**
1206500697	Laboratory Control Sample (LCS)
1206500698	Method Blank (MB)
1206500699	780268001(NonSDG) Matrix Spike (MS)
1206500700	780268001(NonSDG) Matrix Spike Duplicate (MSD)
1206500701	780268001(NonSDG) Matrix Spike (MS)
1206500702	780268001(NonSDG) Matrix Spike Duplicate (MSD)
1206500703	High Blank (HB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 779753002 (LS-SB-26-3.5), 779753003 (LS-SB-44-2.5), 779753005 (LS-SB-36-3.0), 779753006 (LS-SB-35-3.0), 779753007 (LS-SB-34-2.5), 779753009 (LS-SB-12-7.0), 779753011 (LS-SB-13-6.0), 779753013 (LS-SB-10-5.0), 779753015 (LS-SB-11-6.0) and 779753017 (LS-SB-09-4.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Surrogate Recoveries
Surrogate recoveries in sample (See Below) was outside the acceptance limits. The recoveries were similar. It is believed possible matrix interference has been demonstrated

Sample	Analyte	Value
1206500700 (Non SDG 780268001MSD)	Toluene-d8	78* (79%-122%)

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206500699MS and 1206500700MSD (Non SDG 780268001)	Tetrachloroethylene	RPD 21* (0%-20%)

Technical Information

Sample Dilutions/Methanol Dilutions
Samples 1206500699 (Non SDG 780268001MS), 1206500700 (Non SDG 780268001MSD), 1206500701 (Non SDG 780268001MS) and 1206500702 (Non SDG 780268001MSD) were analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

Sample Re-extraction/Re-analysis
Sample 779753009 (LS-SB-12-7.0) was re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and was reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 3012932

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753001	LS-TB-060226
1206500826	Laboratory Control Sample (LCS) **Batch 3012932**
1206500827	Laboratory Control Sample (LCS)
1206500828	Laboratory Control Sample Duplicate (LCSD)
1206500829	Laboratory Control Sample Duplicate (LCSD)
1206500830	Method Blank (MB)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCS/LCSD pair were analyzed in order to demonstrate precision and accuracy.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3546/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 3008431

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 3008430

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753010	LS-SB-13-4.0
779753011	LS-SB-13-6.0
779753012	LS-SB-10-3.0
779753013	LS-SB-10-5.0
779753014	LS-SB-11-3.0
779753015	LS-SB-11-6.0
779753016	LS-SB-09-2.0
779753017	LS-SB-09-4.0
1206492114	Method Blank (MB) **Batch 3008431**
1206492115	Laboratory Control Sample (LCS)
1206492116	780459001(NonSDG) Matrix Spike (MS)
1206492117	780459001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery

The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206492115 (LCS)	Benzaldehyde	0* (21%-89%)

Spike Recovery Statement

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206492117 (Non SDG 780459001MSD)	2, 4, 5-Trichlorophenol	171* (23%-127%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent differences (RPD) for the MS and MSD, (See Below), were not within the acceptance limits. The failures were attributed to matrix interference. The data were reported.

Sample	Analyte	Value
1206492116MS and 1206492117MSD (Non SDG 780459001)	2, 4, 5-Trichlorophenol	RPD 32* (0%-30%)

Technical Information

Sample Dilutions
Sample 779753011 (LS-SB-13-6.0) was diluted due to the presence of one or more target analytes at concentrations exceeding the established calibration range.

Sample Re-extraction/Re-analysis
Sample 779753012 (LS-SB-10-3.0) was re-analyzed due to the possibility of carryover from the previous injection. Data were reported from the re-analysis.

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
779753012 (LS-SB-10-3.0)	2, 4-Dimethylphenol	Result 446ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3546/8270E

Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 3008433

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 3008432

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753002	LS-SB-26-3.5
779753003	LS-SB-44-2.5
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0
779753006	LS-SB-35-3.0
779753007	LS-SB-34-2.5
779753008	LS-SB-12-5.0
779753009	LS-SB-12-7.0
1206492120	Method Blank (MB) **Batch 3008433**
1206492121	Laboratory Control Sample (LCS)
1206492122	779753002(LS-SB-26-3.5) Matrix Spike (MS)
1206492123	779753002(LS-SB-26-3.5) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples 779753002 (LS-SB-26-3.5), 779753003 (LS-SB-44-2.5), 779753004 (LS-SB-36-0.5), 779753005 (LS-SB-36-3.0), 779753006 (LS-SB-35-3.0), 779753007 (LS-SB-34-2.5), 779753008 (LS-SB-12-5.0) and 779753009 (LS-SB-12-7.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8270 outlier acceptance criteria. If required, a CRDL was analyzed after the CCVs to demonstrate that there is adequate sensitivity to detect the failed compounds at the applicable lower quantitation limit.
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples 779753002 (LS-SB-26-3.5), 779753003 (LS-SB-44-2.5), 779753004 (LS-SB-36-0.5), 779753006 (LS-SB-35-3.0), 779753007 (LS-SB-34-2.5), 779753008 (LS-SB-12-5.0) and 779753009 (LS-SB-12-7.0) and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206492121 (LCS)	Benzaldehyde	0* (21%-89%)

	Hexachlorocyclopentadiene	22* (26%-82%)

Spike Recovery Statement
The MS and/or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. As similar recoveries were displayed in the MS and MSD, the failures were attributed to sample matrix interference and the data were reported.

Sample	Analyte	Value
1206492122 (LS-SB-26-3.5MS)	Fluoranthene	0* (21%-126%)
	Pyrene	10* (19%-127%)
1206492123 (LS-SB-26-3.5MSD)	Fluoranthene	12* (21%-126%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206492122 (LS-SB-26-3.5MS)	Benzaldehyde	0* (12%-103%)
	Hexachlorocyclopentadiene	0* (10%-78%)
1206492123 (LS-SB-26-3.5MSD)	Benzaldehyde	0* (12%-103%)
	Hexachlorocyclopentadiene	0* (10%-78%)

Technical Information

Sample Dilutions
Sample 779753004 (LS-SB-36-0.5) was diluted due to the presence of one or more target analytes at concentrations exceeding the established calibration range.

Sample Re-extraction/Re-analysis
Sample 779753004 (LS-SB-36-0.5) was re-analyzed for ISTD failure.
Sample 779753004 (LS-SB-36-0.5) was re-analyzed at a dilution due to the presence of one or more target analytes at concentrations exceeding the established calibration range.

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
779753004 (LS-SB-36-0.5)	Phenol	Result 376ug/kg

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all

reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3546/8081B
Analytical Procedure: GL-OA-E-041 REV# 26
Analytical Batch: 3008465

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 3008464

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0
1206492184	Method Blank (MB) **Batch 3008465**
1206492185	Laboratory Control Sample (LCS)
1206492201	Laboratory Control Sample Duplicate (LCSD)
1206492221	Laboratory Control Sample (LCS)
1206492222	Laboratory Control Sample (LCS)
1206492817	780620003(NonSDG) Matrix Spike (MS)
1206492818	780620003(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC in this batch were cleaned with activated copper in order to remove sulfur.

Florisil
Florisil clean-up was not performed on samples in this batch.

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
779753004 (LS-SB-36-0.5)	Decachlorobiphenyl	Result 31.6ug/kg

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3546/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 3007849

Preparation Method: SW846 3546
Preparation Procedure: GL-OA-E-085 REV# 2
Preparation Batch: 3007848

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0
1206490860	Method Blank (MB) **Batch 3007849**
1206490861	Laboratory Control Sample (LCS)
1206490866	780620001(NonSDG) Matrix Spike (MS)
1206490867	780620001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Sample Dilutions

Samples 779753004 (LS-SB-36-0.5) and 779753005 (LS-SB-36-3.0) were diluted due to the extract’s thickness and oily appearance.

Miscellaneous Information

Manual integrations
Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value

779753004 (LS-SB-36-0.5)	Aroclor-1248	Result 73.3ug/kg
	Aroclor-1254	Result 71.8ug/kg
	Aroclor-1260	Result 36.8ug/kg
	Decachlorobiphenyl	Result 5.48ug/kg
779753005 (LS-SB-36-3.0)	Aroclor-1248	Result 64.2ug/kg
	Aroclor-1254	Result 62.5ug/kg
	Aroclor-1260	Result 33.2ug/kg
	Decachlorobiphenyl	Result 7.18ug/kg

Additional Comments
The column 1 has been chosen as the primary column. The data are reported from the column 1 for all samples in this batch.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 3005499

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 3005498

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753002	LS-SB-26-3.5
779753003	LS-SB-44-2.5
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0
779753006	LS-SB-35-3.0
779753007	LS-SB-34-2.5
779753008	LS-SB-12-5.0
779753009	LS-SB-12-7.0
779753010	LS-SB-13-4.0
779753011	LS-SB-13-6.0
779753012	LS-SB-10-3.0
779753013	LS-SB-10-5.0
779753014	LS-SB-11-3.0
779753015	LS-SB-11-6.0
779753016	LS-SB-09-2.0
779753017	LS-SB-09-4.0
1206486451	Method Blank (MB)**ICP Batch 3005499**
1206486452	Laboratory Control Sample (LCS)
1206486456	779753002(LS-SB-26-3.5L) Serial Dilution (SD)
1206486453	779753002(LS-SB-26-3.5S) Matrix Spike (MS)
1206486454	779753002(LS-SB-26-3.5SD) Matrix Spike Duplicate (MSD)
1206486455	779753002(LS-SB-26-3.5PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CRDL/PQL Requirements
The PQL standard recoveries for SW846 6010D met the control limits with the exception of thallium. Client sample concentrations were less than the MDL; therefore the data were not adversely affected. 779753002 (LS-SB-26-3.5).
The PQL standard recoveries for 6010D met the control limits with the exception of nickel. Client sample concentrations were greater than two times the PQL; therefore the data were not adversely affected. 779753002 (LS-SB-26-3.5).

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206486453 (LS-SB-26-3.5MS)	Barium	145* (75%-125%)
	Chromium	160* (75%-125%)
	Copper	151* (75%-125%)
	Lead	36.1* (75%-125%)
	Potassium	137* (75%-125%)
	Vanadium	136* (75%-125%)
	Zinc	140* (75%-125%)
1206486454 (LS-SB-26-3.5MSD)	Barium	138* (75%-125%)
	Chromium	127* (75%-125%)
	Copper	345* (75%-125%)
	Potassium	145* (75%-125%)
	Zinc	485* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206486453MS and 1206486454MSD (LS-SB-26-3.5)	Aluminum	RPD 25.6* (0%-20%)
	Calcium	RPD 62.9* (0%-20%)

	Chromium	RPD 21.9* (0%-20%)
	Copper	RPD 33.9* (0%-20%)
	Iron	RPD 43.4* (0%-20%)
	Magnesium	RPD 42.5* (0%-20%)
	Manganese	RPD 92.2* (0%-20%)
	Vanadium	RPD 27.2* (0%-20%)
	Zinc	RPD 64* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted to bring raw values of iron, calcium, manganese, magnesium, titanium, zinc within the instrument's linear range and, for analytes affected by interference, to ensure the inter-element correction factors were valid. Samples required dilutions in order to minimize suppression of thallium due to matrix interferences. 779753002 (LS-SB-26-3.5), 779753003 (LS-SB-44-2.5), 779753004 (LS-SB-36-0.5), 779753005 (LS-SB-36-3.0), 779753006 (LS-SB-35-3.0), 779753007 (LS-SB-34-2.5) and 779753014 (LS-SB-11-3.0).

Analyte	779753						
	002	**003**	**004**	**005**	**006**	**007**	**014**
Aluminum	5X		10X	10X		10X	5X
Antimony			10X	10X	20X	10X	
Arsenic			10X	10X	20X	10X	
Barium			10X	10X	20X	10X	
Cadmium			10X	10X	20X	10X	
Calcium	5X		10X	10X		10X	5X
Chromium			10X	10X	20X	10X	
Cobalt			10X	10X	20X	10X	
Copper			10X	10X	20X	10X	
Iron			10X	10X	20X	10X	
Lead			10X	10X	20X	10X	
Magnesium			10X	10X	20X	10X	
Manganese		5X	20X	10X	20X	20X	5X
Nickel			10X	10X	20X	10X	
Potassium			10X	10X	20X	10X	
Selenium			10X	10X	20X	10X	
Silver	5X		10X	10X	20X	10X	5X
Thallium					20X		
Vanadium			10X	10X	20X	10X	
Zinc	5X		10X	10X	20X	10X	5X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 3008292

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 43
Preparation Batch: 3008291

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753002	LS-SB-26-3.5
779753003	LS-SB-44-2.5
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0
779753006	LS-SB-35-3.0
779753007	LS-SB-34-2.5
779753008	LS-SB-12-5.0
779753009	LS-SB-12-7.0
779753010	LS-SB-13-4.0
779753011	LS-SB-13-6.0
779753012	LS-SB-10-3.0
779753013	LS-SB-10-5.0
779753014	LS-SB-11-3.0
779753015	LS-SB-11-6.0
779753016	LS-SB-09-2.0
779753017	LS-SB-09-4.0
1206491815	Method Blank (MB)**CVAA Batch 3008292**
1206491816	Laboratory Control Sample (LCS)
1206491817	779753002(LS-SB-26-3.5D) Sample Duplicate (DUP)
1206491818	779753002(LS-SB-26-3.5S) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 3008203

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26

Preparation Batch: 3008202

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0
1206491679	Method Blank (MB) **Batch 3008203**
1206491680	Laboratory Control Sample (LCS)
1206491683	779753004(LS-SB-36-0.5) Sample Duplicate (DUP)
1206491684	779753004(LS-SB-36-0.5) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Cyanide, Total	1206491684 (LS-SB-36-0.5MS)	127* (46%-125%)

Technical Information

Sample Dilutions
The following sample 1206491680 (LCS) was diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 30
Analytical Batch: 3009991

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 30
Preparation Batch: 3009987

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753002	LS-SB-26-3.5
779753003	LS-SB-44-2.5
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0

779753006	LS-SB-35-3.0
779753007	LS-SB-34-2.5
779753008	LS-SB-12-5.0
779753009	LS-SB-12-7.0
779753010	LS-SB-13-4.0
779753011	LS-SB-13-6.0
1206495096	Method Blank (MB) **Batch 3009991**
1206495097	Laboratory Control Sample (LCS)
1206495098	779753005(LS-SB-36-3.0) Sample Duplicate (DUP)
1206495099	779753005(LS-SB-36-3.0) Matrix Spike (MS)
1206495102	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206495099 (LS-SB-36-3.0MS)	34.9* (75%-125%)

Technical Information

Sample Dilutions
The following sample 779753004 (LS-SB-36-0.5) was diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	**779753**
	004
Hexavalent Chromium	5X

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 30
Analytical Batch: 3010760

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 30
Preparation Batch: 3010759

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753012	LS-SB-10-3.0
779753013	LS-SB-10-5.0
779753014	LS-SB-11-3.0
779753015	LS-SB-11-6.0
779753016	LS-SB-09-2.0
779753017	LS-SB-09-4.0
1206496308	Method Blank (MB) **Batch 3010760**
1206496309	Laboratory Control Sample (LCS)
1206496310	780112001(NonSDG) Sample Duplicate (DUP)
1206496311	780112001(NonSDG) Matrix Spike (MS)
1206496314	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 3006940

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
779753002	LS-SB-26-3.5
779753003	LS-SB-44-2.5
779753004	LS-SB-36-0.5
779753005	LS-SB-36-3.0
779753006	LS-SB-35-3.0
779753007	LS-SB-34-2.5
779753008	LS-SB-12-5.0
779753009	LS-SB-12-7.0
779753010	LS-SB-13-4.0
779753011	LS-SB-13-6.0
779753012	LS-SB-10-3.0
779753013	LS-SB-10-5.0
779753014	LS-SB-11-3.0
779753015	LS-SB-11-6.0
779753016	LS-SB-09-2.0
779753017	LS-SB-09-4.0
1206489062	779753012(LS-SB-10-3.0) Sample Duplicate (DUP) **Batch 3006940**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

APPENDIX IV

LABORATORY CERTIFICATES OF ANALYSIS AND CHAIN OF CUSTODY RECORDS – GROUNDWATER, SEDIMENT AND SURFACE WATER

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

March 25, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Groundwater and Surface Water Sampling
Work Order: 767718

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 11, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 767718 GEL Work Order: 767718

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
E Concentration of the target analyte exceeds the instrument calibration range
H Analytical holding time was exceeded
J Value is estimated
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by 

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-TB-031026	Project:	RVDE00425C
Sample ID:	767718001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	10-MAR-26 10:30		
Receive Date:	11-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/24/26	1315	2966451	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-TB-031026 Project: RVDE00425C
Sample ID: 767718001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.0 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	55.6 ug/L	50.0	111	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0	Project:	RVDE00425C
Sample ID:	767718002	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	10-MAR-26 11:30		
Receive Date:	11-MAR-26		
Collector:	Client		
Moisture:	7.12%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	89.9	269	ug/kg	50.0	1	CH9	03/19/26	1537	2960702	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	14.7	8.55	25.5	ug/kg	119	1	PB1	03/13/26	0739	2960527	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		3720000	6990	20500	ug/kg	95.4	1	HS2	03/17/26	1646	2959953	3
Antimony	U	ND	339	2050	ug/kg	95.4	1					
Arsenic	J	2140	514	3080	ug/kg	95.4	1					
Barium		10900	103	514	ug/kg	95.4	1					
Beryllium	J	131	103	514	ug/kg	95.4	1					
Cadmium	U	ND	103	514	ug/kg	95.4	1					
Calcium		1400000	8220	25700	ug/kg	95.4	1					
Chromium		4800	154	1030	ug/kg	95.4	1					
Cobalt		725	154	514	ug/kg	95.4	1					
Copper		3990	308	2050	ug/kg	95.4	1					
Iron		3050000	8220	25700	ug/kg	95.4	1					
Lead		10100	339	2050	ug/kg	95.4	1					
Magnesium		305000	8730	30800	ug/kg	95.4	1					
Manganese		19500	205	1030	ug/kg	95.4	1					
Nickel		1370	154	514	ug/kg	95.4	1					
Potassium		194000	6580	25700	ug/kg	95.4	1					
Selenium	J	1110	514	3080	ug/kg	95.4	1					
Silver	U	ND	103	514	ug/kg	95.4	1					
Sodium	J	22000	7190	25700	ug/kg	95.4	1					
Thallium	U	ND	514	2050	ug/kg	95.4	1					
Vanadium		6240	103	514	ug/kg	95.4	1					
Zinc		11100	411	2050	ug/kg	95.4	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	107	356	ug/kg	0.0331	1	BM1	03/13/26	1842	2960411	4
1,2,4,5-Tetrachlorobenzene	U	ND	107	356	ug/kg	0.0331	1					
1,4-Dioxane	U	ND	107	356	ug/kg	0.0331	1					
2,3,4,6-Tetrachlorophenol	U	ND	107	356	ug/kg	0.0331	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0	Project:	RVDE00425C
Sample ID:	767718002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,5-Trichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4,6-Trichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dichlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dimethylphenol	U	ND	107	356	ug/kg	0.0331	1					
2,4-Dinitrophenol	U	ND	107	712	ug/kg	0.0331	1					
2,4-Dinitrotoluene	U	ND	107	356	ug/kg	0.0331	1					
2,6-Dinitrotoluene	U	ND	107	356	ug/kg	0.0331	1					
2-Chloronaphthalene	U	ND	10.7	35.6	ug/kg	0.0331	1					
2-Chlorophenol	U	ND	107	356	ug/kg	0.0331	1					
2-Methyl-4,6-dinitrophenol	U	ND	107	356	ug/kg	0.0331	1					
2-Methylnaphthalene	U	ND	10.7	35.6	ug/kg	0.0331	1					
2-Nitrophenol	U	ND	107	356	ug/kg	0.0331	1					
3,3'-Dichlorobenzidine	U	ND	107	356	ug/kg	0.0331	1					
4-Bromophenylphenylether	U	ND	107	356	ug/kg	0.0331	1					
4-Chloro-3-methylphenol	U	ND	142	356	ug/kg	0.0331	1					
4-Chloroaniline	U	ND	107	356	ug/kg	0.0331	1					
4-Chlorophenylphenylether	U	ND	107	356	ug/kg	0.0331	1					
4-Nitrophenol	U	ND	107	356	ug/kg	0.0331	1					
Acenaphthene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Acenaphthylene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Acetophenone	U	ND	107	356	ug/kg	0.0331	1					
Anthracene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Atrazine	U	ND	142	356	ug/kg	0.0331	1					
Benzaldehyde	U	ND	107	356	ug/kg	0.0331	1					
Benzo(a)anthracene	J	17.1	10.7	35.6	ug/kg	0.0331	1					
Benzo(a)pyrene	J	15.7	10.7	35.6	ug/kg	0.0331	1					
Benzo(b)fluoranthene	J	34.2	10.7	35.6	ug/kg	0.0331	1					
Benzo(ghi)perylene	J	15.3	10.7	35.6	ug/kg	0.0331	1					
Benzo(k)fluoranthene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Butylbenzylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Carbazole	U	ND	10.7	35.6	ug/kg	0.0331	1					
Chrysene	J	16.4	10.7	35.6	ug/kg	0.0331	1					
Di-n-butylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Di-n-octylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Dibenzo(a,h)anthracene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Dibenzofuran	U	ND	107	356	ug/kg	0.0331	1					

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0	Project:	RVDE00425C
Sample ID:	767718002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Diethylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Dimethylphthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
Diphenylamine	U	ND	107	356	ug/kg	0.0331	1					
Fluoranthene	J	19.6	10.7	35.6	ug/kg	0.0331	1					
Fluorene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Hexachlorobenzene	U	ND	107	356	ug/kg	0.0331	1					
Hexachlorobutadiene	U	ND	107	356	ug/kg	0.0331	1					
Hexachlorocyclopentadiene	U	ND	107	356	ug/kg	0.0331	1					
Hexachloroethane	U	ND	107	356	ug/kg	0.0331	1					
Indeno(1,2,3-cd)pyrene	J	16.7	10.7	35.6	ug/kg	0.0331	1					
Isophorone	U	ND	107	356	ug/kg	0.0331	1					
N-Nitrosodipropylamine	U	ND	107	356	ug/kg	0.0331	1					
Naphthalene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Nitrobenzene	U	ND	107	356	ug/kg	0.0331	1					
Pentachlorophenol	U	ND	107	356	ug/kg	0.0331	1					
Phenanthrene	U	ND	10.7	35.6	ug/kg	0.0331	1					
Phenol	U	ND	107	356	ug/kg	0.0331	1					
Pyrene	J	20.6	10.7	35.6	ug/kg	0.0331	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Chloroethoxy)methane	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Chloroethyl) ether	U	ND	107	356	ug/kg	0.0331	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.7	35.6	ug/kg	0.0331	1					
m,p-Cresols	U	ND	107	356	ug/kg	0.0331	1					
m-Nitroaniline	U	ND	107	356	ug/kg	0.0331	1					
o-Cresol	U	ND	107	356	ug/kg	0.0331	1					
o-Nitroaniline	U	ND	117	356	ug/kg	0.0331	1					
p-Nitroaniline	U	ND	107	356	ug/kg	0.0331	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1016	U	ND	23.8	71.5	ug/kg	0.0332	20	JXM	03/13/26	1601	2960517	5
Aroclor-1221	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1232	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1242	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1248	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1254	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1260	J	39.6	23.8	71.5	ug/kg	0.0332	20					

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0	Project:	RVDE00425C
Sample ID:	767718002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1262	U	ND	23.8	71.5	ug/kg	0.0332	20					
Aroclor-1268	U	ND	23.8	71.5	ug/kg	0.0332	20					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	0.357	1.43	ug/kg	0.166	1	YS1	03/13/26	1132	2960428	6
4,4'-DDE	U	ND	0.357	1.43	ug/kg	0.166	1					
Aldrin	U	ND	0.178	0.714	ug/kg	0.166	1					
Dieldrin	U	ND	0.357	1.43	ug/kg	0.166	1					
Endosulfan I	U	ND	0.178	0.714	ug/kg	0.166	1					
Endosulfan II	U	ND	0.357	1.43	ug/kg	0.166	1					
Endosulfan sulfate	U	ND	0.357	1.43	ug/kg	0.166	1					
Endrin	U	ND	0.357	1.43	ug/kg	0.166	1					
Endrin aldehyde	U	ND	0.357	1.43	ug/kg	0.166	1					
Endrin ketone	U	ND	0.357	1.43	ug/kg	0.166	1					
Heptachlor	U	ND	0.178	0.714	ug/kg	0.166	1					
Heptachlor epoxide	U	ND	0.178	0.714	ug/kg	0.166	1					
Methoxychlor	U	ND	1.78	7.14	ug/kg	0.166	1					
Toxaphene	U	ND	5.94	17.8	ug/kg	0.166	1					
alpha-BHC	U	ND	0.178	0.714	ug/kg	0.166	1					
beta-BHC	U	ND	0.178	0.714	ug/kg	0.166	1					
cis-Chlordane	U	ND	0.178	0.714	ug/kg	0.166	1					
delta-BHC	U	ND	0.178	0.714	ug/kg	0.166	1					
gamma-BHC (Lindane)	U	ND	0.178	0.714	ug/kg	0.166	1					
trans-Chlordane	U	ND	0.178	0.714	ug/kg	0.166	1					
4,4'-DDT	J	0.697	0.357	1.43	ug/kg	0.166	1	YS1	03/13/26	1132	2960428	7
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.137	0.343	mg/kg	31.9	1	BR2	03/25/26	1242	2962940	8

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-04-1.0 Project: RVDE00425C
Sample ID: 767718002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
SW846 9010C Distillation	SW846 9010C Prep			GP1	03/19/26		1201		2960701			
SW846 3541	Prep Method 3541 8081B Prep Soil			JG3	03/13/26		0540		2960427			
SW846 3541	Prep Method 3541 PCB Prep Soil			DC2	03/13/26		0759		2960515			

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 3541/8082A	
6	SW846 3541/8081B	
7	SW846 3541/8081B	
8	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1180 ug/kg	1780	66	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1240 ug/kg	1780	70	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1440 ug/kg	1780	81	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2820 ug/kg	3560	79	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2530 ug/kg	3560	71	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2600 ug/kg	3560	73	(19%-94%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.19 ug/kg	7.15	59	(31%-138%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.97 ug/kg	7.15	56	(24%-118%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	28.5 ug/kg	35.7	80	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	30.2 ug/kg	35.7	85	(26%-130%)

Notes:

Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0	Project:	RVDE00425C
Sample ID:	767718002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:
DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0-DP	Project:	RVDE00425C
Sample ID:	767718003	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	10-MAR-26 11:32		
Receive Date:	11-MAR-26		
Collector:	Client		
Moisture:	7.78%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	88.8	266	ug/kg	49.0	1	CH9	03/19/26	1538	2960702	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	J	8.30	7.31	21.8	ug/kg	101	1	PB1	03/13/26	0741	2960527	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8320000	6780	19900	ug/kg	91.9	1	HS2	03/17/26	1705	2959953	3
Antimony	J	721	329	1990	ug/kg	91.9	1					
Arsenic	J	992	498	2990	ug/kg	91.9	1					
Barium		19900	99.7	498	ug/kg	91.9	1					
Beryllium	J	170	99.7	498	ug/kg	91.9	1					
Cadmium	U	ND	99.7	498	ug/kg	91.9	1					
Calcium		341000	7970	24900	ug/kg	91.9	1					
Chromium		6160	149	997	ug/kg	91.9	1					
Cobalt		1950	149	498	ug/kg	91.9	1					
Copper	J	919	299	1990	ug/kg	91.9	1					
Iron		4770000	7970	24900	ug/kg	91.9	1					
Lead		2960	329	1990	ug/kg	91.9	1					
Magnesium		356000	8470	29900	ug/kg	91.9	1					
Manganese		12100	199	997	ug/kg	91.9	1					
Nickel		1980	149	498	ug/kg	91.9	1					
Selenium	J	1820	498	2990	ug/kg	91.9	1					
Silver	U	ND	99.7	498	ug/kg	91.9	1					
Sodium		25000	6980	24900	ug/kg	91.9	1					
Thallium	U	ND	498	1990	ug/kg	91.9	1					
Vanadium		7650	99.7	498	ug/kg	91.9	1					
Zinc		6580	399	1990	ug/kg	91.9	1					
Potassium		165000	6380	24900	ug/kg	91.9	1	HS2	03/25/26	1538	2959953	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	360	ug/kg	0.0332	1	BM1	03/13/26	1905	2960411	5
1,2,4,5-Tetrachlorobenzene	U	ND	108	360	ug/kg	0.0332	1					
1,4-Dioxane	U	ND	108	360	ug/kg	0.0332	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	360	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0-DP	Project:	RVDE00425C
Sample ID:	767718003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,5-Trichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4,6-Trichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dichlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dimethylphenol	U	ND	108	360	ug/kg	0.0332	1					
2,4-Dinitrophenol	U	ND	108	719	ug/kg	0.0332	1					
2,4-Dinitrotoluene	U	ND	108	360	ug/kg	0.0332	1					
2,6-Dinitrotoluene	U	ND	108	360	ug/kg	0.0332	1					
2-Chloronaphthalene	U	ND	10.8	36.0	ug/kg	0.0332	1					
2-Chlorophenol	U	ND	108	360	ug/kg	0.0332	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	360	ug/kg	0.0332	1					
2-Methylnaphthalene	J	11.1	10.8	36.0	ug/kg	0.0332	1					
2-Nitrophenol	U	ND	108	360	ug/kg	0.0332	1					
3,3'-Dichlorobenzidine	U	ND	108	360	ug/kg	0.0332	1					
4-Bromophenylphenylether	U	ND	108	360	ug/kg	0.0332	1					
4-Chloro-3-methylphenol	U	ND	144	360	ug/kg	0.0332	1					
4-Chloroaniline	U	ND	108	360	ug/kg	0.0332	1					
4-Chlorophenylphenylether	U	ND	108	360	ug/kg	0.0332	1					
4-Nitrophenol	U	ND	108	360	ug/kg	0.0332	1					
Acenaphthene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Acenaphthylene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Acetophenone	U	ND	108	360	ug/kg	0.0332	1					
Anthracene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Atrazine	U	ND	144	360	ug/kg	0.0332	1					
Benzaldehyde	U	ND	108	360	ug/kg	0.0332	1					
Benzo(a)anthracene	J	11.9	10.8	36.0	ug/kg	0.0332	1					
Benzo(a)pyrene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Benzo(b)fluoranthene	J	22.7	10.8	36.0	ug/kg	0.0332	1					
Benzo(ghi)perylene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Benzo(k)fluoranthene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Butylbenzylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Carbazole	U	ND	10.8	36.0	ug/kg	0.0332	1					
Chrysene	J	15.8	10.8	36.0	ug/kg	0.0332	1					
Di-n-butylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Di-n-octylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dibenzo(a,h)anthracene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dibenzofuran	U	ND	108	360	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-04-1.0-DP
Sample ID: 767718003
Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Diethylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Dimethylphthalate	U	ND	10.8	36.0	ug/kg	0.0332	1					
Diphenylamine	U	ND	108	360	ug/kg	0.0332	1					
Fluoranthene	J	14.0	10.8	36.0	ug/kg	0.0332	1					
Fluorene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Hexachlorobenzene	U	ND	108	360	ug/kg	0.0332	1					
Hexachlorobutadiene	U	ND	108	360	ug/kg	0.0332	1					
Hexachlorocyclopentadiene	U	ND	108	360	ug/kg	0.0332	1					
Hexachloroethane	U	ND	108	360	ug/kg	0.0332	1					
Indeno(1,2,3-cd)pyrene	J	10.8	10.8	36.0	ug/kg	0.0332	1					
Isophorone	U	ND	108	360	ug/kg	0.0332	1					
N-Nitrosodipropylamine	U	ND	108	360	ug/kg	0.0332	1					
Naphthalene	U	ND	10.8	36.0	ug/kg	0.0332	1					
Nitrobenzene	U	ND	108	360	ug/kg	0.0332	1					
Pentachlorophenol	U	ND	108	360	ug/kg	0.0332	1					
Phenanthrene	J	12.2	10.8	36.0	ug/kg	0.0332	1					
Phenol	U	ND	108	360	ug/kg	0.0332	1					
Pyrene	J	15.1	10.8	36.0	ug/kg	0.0332	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Chloroethoxy)methane	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Chloroethyl) ether	U	ND	108	360	ug/kg	0.0332	1					
bis(2-Ethylhexyl)phthalate	J	11.1	10.8	36.0	ug/kg	0.0332	1					
m,p-Cresols	U	ND	108	360	ug/kg	0.0332	1					
m-Nitroaniline	U	ND	108	360	ug/kg	0.0332	1					
o-Cresol	U	ND	108	360	ug/kg	0.0332	1					
o-Nitroaniline	U	ND	119	360	ug/kg	0.0332	1					
p-Nitroaniline	U	ND	108	360	ug/kg	0.0332	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1016	U	ND	1.20	3.60	ug/kg	0.0332	1	JXM	03/13/26	1920	2960517	6
Aroclor-1221	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1232	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1242	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1248	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1254	J	2.35	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1260		4.43	1.20	3.60	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0-DP	Project:	RVDE00425C
Sample ID:	767718003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1262	U	ND	1.20	3.60	ug/kg	0.0332	1					
Aroclor-1268	U	ND	1.20	3.60	ug/kg	0.0332	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	1.78	7.14	ug/kg	0.165	5	YS1	03/13/26	1239	2960428	7
4,4'-DDE	U	ND	1.78	7.14	ug/kg	0.165	5					
4,4'-DDT	U	ND	1.78	7.14	ug/kg	0.165	5					
Aldrin	U	ND	0.892	3.57	ug/kg	0.165	5					
Dieldrin	U	ND	1.78	7.14	ug/kg	0.165	5					
Endosulfan I	U	ND	0.892	3.57	ug/kg	0.165	5					
Endosulfan II	U	ND	1.78	7.14	ug/kg	0.165	5					
Endosulfan sulfate	U	ND	1.78	7.14	ug/kg	0.165	5					
Endrin	U	ND	1.78	7.14	ug/kg	0.165	5					
Endrin aldehyde	U	ND	1.78	7.14	ug/kg	0.165	5					
Endrin ketone	U	ND	1.78	7.14	ug/kg	0.165	5					
Heptachlor	U	ND	0.892	3.57	ug/kg	0.165	5					
Heptachlor epoxide	U	ND	0.892	3.57	ug/kg	0.165	5					
Methoxychlor	U	ND	8.92	35.7	ug/kg	0.165	5					
Toxaphene	U	ND	29.7	89.2	ug/kg	0.165	5					
alpha-BHC	U	ND	0.892	3.57	ug/kg	0.165	5					
beta-BHC	U	ND	0.892	3.57	ug/kg	0.165	5					
cis-Chlordane	U	ND	0.892	3.57	ug/kg	0.165	5					
delta-BHC	U	ND	0.892	3.57	ug/kg	0.165	5					
gamma-BHC (Lindane)	U	ND	0.892	3.57	ug/kg	0.165	5					
trans-Chlordane	U	ND	0.892	3.57	ug/kg	0.165	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.133	0.332	mg/kg	30.6	1	BR2	03/25/26	1242	2962940	9

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/13/26	0759	2960515
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0-DP	Project:	RVDE00425C
Sample ID:	767718003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
SW846 3541		Prep Method 3541 8081B Prep Soil		JG3	03/13/26		0540	2960427				
SW846 3541		Prep Method 3541 8270E BNA for Soil		JG3	03/13/26		0600	2960410				
SW846 9010C Distillation		SW846 9010C Prep		GP1	03/19/26		1201	2960701				

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 3541/8082A	
7	SW846 3541/8081B	
8	SW846 3541/8081B	
9	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1160 ug/kg	1800	64	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1210 ug/kg	1800	67	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1440 ug/kg	1800	80	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2800 ug/kg	3600	78	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2470 ug/kg	3600	69	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2560 ug/kg	3600	71	(19%-94%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	4.99 ug/kg	7.21	69	(31%-138%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.38 ug/kg	7.21	47	(24%-118%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	31.1 ug/kg	35.7	87	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	32.3 ug/kg	35.7	91	(26%-130%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-1.0-DP	Project:	RVDE00425C
Sample ID:	767718003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SD-01	Project:	RVDE00425C
Sample ID:	767718004	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	10-MAR-26 12:45		
Receive Date:	11-MAR-26		
Collector:	Client		
Moisture:	54.7%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		134	15.6	46.7	ug/kg	106	1	PB1	03/13/26	0743	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		9980000	14600	42800	ug/kg	96.9	1	HS2	03/17/26	1707	2959953	2
Beryllium	J	688	214	1070	ug/kg	96.9	1					
Calcium		4610000	17100	53500	ug/kg	96.9	1					
Sodium		68300	15000	53500	ug/kg	96.9	1					
Antimony	J	5920	3530	21400	ug/kg	96.9	5	HS2	03/20/26	1059	2959953	3
Arsenic		70000	5350	32100	ug/kg	96.9	5					
Barium		103000	1070	5350	ug/kg	96.9	5					
Cadmium	J	3440	1070	5350	ug/kg	96.9	5					
Chromium		404000	1610	10700	ug/kg	96.9	5					
Cobalt		19000	1610	5350	ug/kg	96.9	5					
Copper		1100000	3210	21400	ug/kg	96.9	5					
Iron		177000000	85600	268000	ug/kg	96.9	5					
Lead		130000	3530	21400	ug/kg	96.9	5					
Magnesium		5100000	91000	321000	ug/kg	96.9	5					
Manganese		2340000	2140	10700	ug/kg	96.9	5					
Nickel		95500	1610	5350	ug/kg	96.9	5					
Potassium		389000	68500	268000	ug/kg	96.9	5					
Selenium	J	15300	5350	32100	ug/kg	96.9	5					
Silver	U	ND	1070	5350	ug/kg	96.9	5					
Thallium	U	ND	5350	21400	ug/kg	96.9	5					
Vanadium		69200	1070	5350	ug/kg	96.9	5					
Zinc		6990000	4280	21400	ug/kg	96.9	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	1080	3600	ug/kg	0.0326	5	BM1	03/13/26	1928	2960411	4
1,2,4,5-Tetrachlorobenzene	U	ND	1080	3600	ug/kg	0.0326	5					
1,4-Dioxane	U	ND	1080	3600	ug/kg	0.0326	5					
2,3,4,6-Tetrachlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4,5-Trichlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4,6-Trichlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4-Dichlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2,4-Dimethylphenol	U	ND	1080	3600	ug/kg	0.0326	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01 Project: RVDE00425C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrophenol	U	ND	1080	7210	ug/kg	0.0326	5					
2,4-Dinitrotoluene	U	ND	1080	3600	ug/kg	0.0326	5					
2,6-Dinitrotoluene	U	ND	1080	3600	ug/kg	0.0326	5					
2-Chloronaphthalene	U	ND	108	360	ug/kg	0.0326	5					
2-Chlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2-Methyl-4,6-dinitrophenol	U	ND	1080	3600	ug/kg	0.0326	5					
2-Methylnaphthalene	U	ND	108	360	ug/kg	0.0326	5					
2-Nitrophenol	U	ND	1080	3600	ug/kg	0.0326	5					
3,3'-Dichlorobenzidine	U	ND	1080	3600	ug/kg	0.0326	5					
4-Bromophenylphenylether	U	ND	1080	3600	ug/kg	0.0326	5					
4-Chloro-3-methylphenol	U	ND	1440	3600	ug/kg	0.0326	5					
4-Chloroaniline	U	ND	1080	3600	ug/kg	0.0326	5					
4-Chlorophenylphenylether	U	ND	1080	3600	ug/kg	0.0326	5					
4-Nitrophenol	U	ND	1080	3600	ug/kg	0.0326	5					
Acenaphthene	U	ND	108	360	ug/kg	0.0326	5					
Acenaphthylene	U	ND	108	360	ug/kg	0.0326	5					
Acetophenone	U	ND	1080	3600	ug/kg	0.0326	5					
Anthracene	U	ND	108	360	ug/kg	0.0326	5					
Atrazine	U	ND	1440	3600	ug/kg	0.0326	5					
Benzaldehyde	U	ND	1080	3600	ug/kg	0.0326	5					
Benzo(a)anthracene		364	108	360	ug/kg	0.0326	5					
Benzo(a)pyrene	J	324	108	360	ug/kg	0.0326	5					
Benzo(b)fluoranthene		663	108	360	ug/kg	0.0326	5					
Benzo(ghi)perylene	J	267	108	360	ug/kg	0.0326	5					
Benzo(k)fluoranthene	J	209	108	360	ug/kg	0.0326	5					
Butylbenzylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Carbazole	U	ND	108	360	ug/kg	0.0326	5					
Chrysene		425	108	360	ug/kg	0.0326	5					
Di-n-butylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Di-n-octylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Dibenzo(a,h)anthracene	U	ND	108	360	ug/kg	0.0326	5					
Dibenzofuran	U	ND	1080	3600	ug/kg	0.0326	5					
Diethylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Dimethylphthalate	U	ND	108	360	ug/kg	0.0326	5					
Diphenylamine	U	ND	1080	3600	ug/kg	0.0326	5					
Fluoranthene		836	108	360	ug/kg	0.0326	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01 Project: RVDE00425C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Fluorene	U	ND	108	360	ug/kg	0.0326	5					
Hexachlorobenzene	U	ND	1080	3600	ug/kg	0.0326	5					
Hexachlorobutadiene	U	ND	1080	3600	ug/kg	0.0326	5					
Hexachlorocyclopentadiene	U	ND	1080	3600	ug/kg	0.0326	5					
Hexachloroethane	U	ND	1080	3600	ug/kg	0.0326	5					
Indeno(1,2,3-cd)pyrene	J	317	108	360	ug/kg	0.0326	5					
Isophorone	U	ND	1080	3600	ug/kg	0.0326	5					
N-Nitrosodipropylamine	U	ND	1080	3600	ug/kg	0.0326	5					
Naphthalene	U	ND	108	360	ug/kg	0.0326	5					
Nitrobenzene	U	ND	1080	3600	ug/kg	0.0326	5					
Pentachlorophenol	U	ND	1080	3600	ug/kg	0.0326	5					
Phenanthrene		440	108	360	ug/kg	0.0326	5					
Phenol	U	ND	1080	3600	ug/kg	0.0326	5					
Pyrene		645	108	360	ug/kg	0.0326	5					
bis(2-Chloro-1-methylethyl)ether	U	ND	1080	3600	ug/kg	0.0326	5					
bis(2-Chloroethoxy)methane	U	ND	1080	3600	ug/kg	0.0326	5					
bis(2-Chloroethyl) ether	U	ND	1080	3600	ug/kg	0.0326	5					
bis(2-Ethylhexyl)phthalate		454	108	360	ug/kg	0.0326	5					
m,p-Cresols	U	ND	1080	3600	ug/kg	0.0326	5					
m-Nitroaniline	U	ND	1080	3600	ug/kg	0.0326	5					
o-Cresol	U	ND	1080	3600	ug/kg	0.0326	5					
o-Nitroaniline	U	ND	1190	3600	ug/kg	0.0326	5					
p-Nitroaniline	U	ND	1080	3600	ug/kg	0.0326	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	1.27	3.16	mg/kg	28.6	5	BR2	03/25/26	1242	2962940	5
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1	JEB	03/24/26	0718	2965810	6
1,1,2,2-Tetrachloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,1,2-Trichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,1-Dichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,1-Dichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2,3-Trichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2,4-Trichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01 Project: RVDE00425C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromo-3-chloropropane	U	ND	1.21	2.42	ug/kg	1.09	1					
1,2-Dibromoethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2-Dichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2-Dichloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,2-Dichloropropane	U	ND	0.805	2.42	ug/kg	1.09	1					
1,3-Dichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
1,4-Dichlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
2-Butanone	U	ND	4.03	12.1	ug/kg	1.09	1					
2-Hexanone	U	ND	4.03	12.1	ug/kg	1.09	1					
4-Methyl-2-pentanone	U	ND	4.03	12.1	ug/kg	1.09	1					
Acetone	J	12.0	4.03	12.1	ug/kg	1.09	1					
Benzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromochloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromodichloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromoform	U	ND	0.805	2.42	ug/kg	1.09	1					
Bromomethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Carbon disulfide	U	ND	4.03	12.1	ug/kg	1.09	1					
Carbon tetrachloride	U	ND	0.805	2.42	ug/kg	1.09	1					
Chlorobenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Chloroethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Chloroform	U	ND	0.805	2.42	ug/kg	1.09	1					
Chloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Cyclohexane	J	1.33	0.805	2.42	ug/kg	1.09	1					
Dibromochloromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Dichlorodifluoromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Ethylbenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Isopropylbenzene	U	ND	0.805	2.42	ug/kg	1.09	1					
Methyl acetate	U	ND	4.03	12.1	ug/kg	1.09	1					
Methylcyclohexane	U	ND	0.805	2.42	ug/kg	1.09	1					
Methylene chloride	U	ND	4.03	12.1	ug/kg	1.09	1					
Styrene	U	ND	0.805	2.42	ug/kg	1.09	1					
Tetrachloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
Toluene	U	ND	0.805	2.42	ug/kg	1.09	1					
Trichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
Trichlorofluoromethane	U	ND	0.805	2.42	ug/kg	1.09	1					
Trichlorotrifluoroethane	U	ND	4.03	12.1	ug/kg	1.09	1					

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01 Project: RVDE00425C
Sample ID: 767718004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.805	2.42	ug/kg	1.09	1					
cis-1,2-Dichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
cis-1,3-Dichloropropylene	U	ND	0.805	2.42	ug/kg	1.09	1					
m,p-Xylenes	U	ND	1.61	4.83	ug/kg	1.09	1					
o-Xylene	U	ND	0.805	2.42	ug/kg	1.09	1					
tert-Butyl methyl ether	U	ND	0.805	2.42	ug/kg	1.09	1					
trans-1,2-Dichloroethylene	U	ND	0.805	2.42	ug/kg	1.09	1					
trans-1,3-Dichloropropylene	U	ND	0.805	2.42	ug/kg	1.09	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 5035	5035 Prep	JEB	03/10/26	1245	2965809

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3541/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	2110 ug/kg	3600	59	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	2110 ug/kg	3600	59	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	2530 ug/kg	3600	70	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	4760 ug/kg	7210	66	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	4230 ug/kg	7210	59	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	4400 ug/kg	7210	61	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	115 ug/kg	50.0	95	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	104 ug/kg	50.0	86	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SD-01	Project:	RVDE00425C
Sample ID:	767718004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		120	ug/kg	50.0		99		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Matrix: Soil
Collect Date: 10-MAR-26 12:47
Receive Date: 11-MAR-26
Collector: Client
Moisture: 61%

Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		125	17.9	53.4	ug/kg	104	1	PB1	03/13/26	0748	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		8780000	17000	50000	ug/kg	97.5	1	HS2	03/17/26	1709	2959953	2
Beryllium	J	643	250	1250	ug/kg	97.5	1					
Calcium		6540000	20000	62500	ug/kg	97.5	1					
Sodium		102000	17500	62500	ug/kg	97.5	1					
Antimony	J	14200	4120	25000	ug/kg	97.5	5	HS2	03/20/26	1102	2959953	3
Barium		113000	1250	6250	ug/kg	97.5	5					
Cadmium	J	4590	1250	6250	ug/kg	97.5	5					
Chromium		272000	1870	12500	ug/kg	97.5	5					
Cobalt		14900	1870	6250	ug/kg	97.5	5					
Copper		661000	3750	25000	ug/kg	97.5	5					
Iron		138000000	99900	312000	ug/kg	97.5	5					
Lead		170000	4120	25000	ug/kg	97.5	5					
Magnesium		6930000	106000	375000	ug/kg	97.5	5					
Manganese		2120000	2500	12500	ug/kg	97.5	5					
Nickel		91100	1870	6250	ug/kg	97.5	5					
Potassium		632000	79900	312000	ug/kg	97.5	5					
Selenium	J	15100	6250	37500	ug/kg	97.5	5					
Silver	U	ND	1250	6250	ug/kg	97.5	5					
Thallium	U	ND	6250	25000	ug/kg	97.5	5					
Vanadium		58000	1250	6250	ug/kg	97.5	5					
Zinc		7140000	5000	25000	ug/kg	97.5	5					
Arsenic		51200	6250	37500	ug/kg	97.5	5	HS2	03/24/26	1340	2959953	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	1280	4250	ug/kg	0.0332	5	BM1	03/13/26	1951	2960411	5
1,2,4,5-Tetrachlorobenzene	U	ND	1280	4250	ug/kg	0.0332	5					
1,4-Dioxane	U	ND	1280	4250	ug/kg	0.0332	5					
2,3,4,6-Tetrachlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4,5-Trichlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4,6-Trichlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4-Dichlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2,4-Dimethylphenol	U	ND	1280	4250	ug/kg	0.0332	5					

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrophenol	U	ND	1280	8510	ug/kg	0.0332	5					
2,4-Dinitrotoluene	U	ND	1280	4250	ug/kg	0.0332	5					
2,6-Dinitrotoluene	U	ND	1280	4250	ug/kg	0.0332	5					
2-Chloronaphthalene	U	ND	128	425	ug/kg	0.0332	5					
2-Chlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2-Methyl-4,6-dinitrophenol	U	ND	1280	4250	ug/kg	0.0332	5					
2-Methylnaphthalene	U	ND	128	425	ug/kg	0.0332	5					
2-Nitrophenol	U	ND	1280	4250	ug/kg	0.0332	5					
3,3'-Dichlorobenzidine	U	ND	1280	4250	ug/kg	0.0332	5					
4-Bromophenylphenylether	U	ND	1280	4250	ug/kg	0.0332	5					
4-Chloro-3-methylphenol	U	ND	1700	4250	ug/kg	0.0332	5					
4-Chloroaniline	U	ND	1280	4250	ug/kg	0.0332	5					
4-Chlorophenylphenylether	U	ND	1280	4250	ug/kg	0.0332	5					
4-Nitrophenol	U	ND	1280	4250	ug/kg	0.0332	5					
Acenaphthene	U	ND	128	425	ug/kg	0.0332	5					
Acenaphthylene	U	ND	128	425	ug/kg	0.0332	5					
Acetophenone	U	ND	1280	4250	ug/kg	0.0332	5					
Anthracene	U	ND	128	425	ug/kg	0.0332	5					
Atrazine	U	ND	1700	4250	ug/kg	0.0332	5					
Benzaldehyde	U	ND	1280	4250	ug/kg	0.0332	5					
Benzo(a)anthracene	J	268	128	425	ug/kg	0.0332	5					
Benzo(a)pyrene	J	200	128	425	ug/kg	0.0332	5					
Benzo(b)fluoranthene	J	383	128	425	ug/kg	0.0332	5					
Benzo(ghi)perylene	J	170	128	425	ug/kg	0.0332	5					
Benzo(k)fluoranthene	J	132	128	425	ug/kg	0.0332	5					
Butylbenzylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Carbazole	U	ND	128	425	ug/kg	0.0332	5					
Chrysene	J	268	128	425	ug/kg	0.0332	5					
Di-n-butylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Di-n-octylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Dibenzo(a,h)anthracene	U	ND	128	425	ug/kg	0.0332	5					
Dibenzofuran	U	ND	1280	4250	ug/kg	0.0332	5					
Diethylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Dimethylphthalate	U	ND	128	425	ug/kg	0.0332	5					
Diphenylamine	U	ND	1280	4250	ug/kg	0.0332	5					
Fluoranthene		536	128	425	ug/kg	0.0332	5					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Fluorene	U	ND	128	425	ug/kg	0.0332	5					
Hexachlorobenzene	U	ND	1280	4250	ug/kg	0.0332	5					
Hexachlorobutadiene	U	ND	1280	4250	ug/kg	0.0332	5					
Hexachlorocyclopentadiene	U	ND	1280	4250	ug/kg	0.0332	5					
Hexachloroethane	U	ND	1280	4250	ug/kg	0.0332	5					
Indeno(1,2,3-cd)pyrene	J	183	128	425	ug/kg	0.0332	5					
Isophorone	U	ND	1280	4250	ug/kg	0.0332	5					
N-Nitrosodipropylamine	U	ND	1280	4250	ug/kg	0.0332	5					
Naphthalene	U	ND	128	425	ug/kg	0.0332	5					
Nitrobenzene	U	ND	1280	4250	ug/kg	0.0332	5					
Pentachlorophenol	U	ND	1280	4250	ug/kg	0.0332	5					
Phenanthrene	J	340	128	425	ug/kg	0.0332	5					
Phenol	U	ND	1280	4250	ug/kg	0.0332	5					
Pyrene	J	404	128	425	ug/kg	0.0332	5					
bis(2-Chloro-1-methylethyl)ether	U	ND	1280	4250	ug/kg	0.0332	5					
bis(2-Chloroethoxy)methane	U	ND	1280	4250	ug/kg	0.0332	5					
bis(2-Chloroethyl) ether	U	ND	1280	4250	ug/kg	0.0332	5					
bis(2-Ethylhexyl)phthalate	J	332	128	425	ug/kg	0.0332	5					
m,p-Cresols	U	ND	1280	4250	ug/kg	0.0332	5					
m-Nitroaniline	U	ND	1280	4250	ug/kg	0.0332	5					
o-Cresol	U	ND	1280	4250	ug/kg	0.0332	5					
o-Nitroaniline	U	ND	1400	4250	ug/kg	0.0332	5					
p-Nitroaniline	U	ND	1280	4250	ug/kg	0.0332	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	1.47	1.20	2.99	mg/kg	23.3	5	BR2	03/25/26	1242	2962940	6
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1	JEB	03/23/26	1756	2965810	7
1,1,2,2-Tetrachloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,1,2-Trichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,1-Dichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,1-Dichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2,3-Trichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2,4-Trichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SD-01-DP	Project:	RVDE00425C
Sample ID:	767718005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromo-3-chloropropane	U	ND	1.20	2.40	ug/kg	0.938	1					
1,2-Dibromoethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2-Dichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2-Dichloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,2-Dichloropropane	U	ND	0.801	2.40	ug/kg	0.938	1					
1,3-Dichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
1,4-Dichlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
2-Butanone	U	ND	4.01	12.0	ug/kg	0.938	1					
2-Hexanone	U	ND	4.01	12.0	ug/kg	0.938	1					
4-Methyl-2-pentanone	U	ND	4.01	12.0	ug/kg	0.938	1					
Acetone		27.7	4.01	12.0	ug/kg	0.938	1					
Benzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromochloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromodichloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromoform	U	ND	0.801	2.40	ug/kg	0.938	1					
Bromomethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Carbon disulfide	U	ND	4.01	12.0	ug/kg	0.938	1					
Carbon tetrachloride	U	ND	0.801	2.40	ug/kg	0.938	1					
Chlorobenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Chloroethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Chloroform	U	ND	0.801	2.40	ug/kg	0.938	1					
Chloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Cyclohexane	U	ND	0.801	2.40	ug/kg	0.938	1					
Dibromochloromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Dichlorodifluoromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Ethylbenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Isopropylbenzene	U	ND	0.801	2.40	ug/kg	0.938	1					
Methyl acetate	U	ND	4.01	12.0	ug/kg	0.938	1					
Methylcyclohexane	U	ND	0.801	2.40	ug/kg	0.938	1					
Methylene chloride	U	ND	4.01	12.0	ug/kg	0.938	1					
Styrene	U	ND	0.801	2.40	ug/kg	0.938	1					
Tetrachloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
Toluene	U	ND	0.801	2.40	ug/kg	0.938	1					
Trichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
Trichlorofluoromethane	U	ND	0.801	2.40	ug/kg	0.938	1					
Trichlorotrifluoroethane	U	ND	4.01	12.0	ug/kg	0.938	1					

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SD-01-DP	Project:	RVDE00425C
Sample ID:	767718005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.801	2.40	ug/kg	0.938	1					
cis-1,2-Dichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
cis-1,3-Dichloropropylene	U	ND	0.801	2.40	ug/kg	0.938	1					
m,p-Xylenes	U	ND	1.60	4.81	ug/kg	0.938	1					
o-Xylene	U	ND	0.801	2.40	ug/kg	0.938	1					
tert-Butyl methyl ether	U	ND	0.801	2.40	ug/kg	0.938	1					
trans-1,2-Dichloroethylene	U	ND	0.801	2.40	ug/kg	0.938	1					
trans-1,3-Dichloropropylene	U	ND	0.801	2.40	ug/kg	0.938	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 5035	5035 Prep	JEB	03/10/26	1247	2965809

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1240 ug/kg	4250	29	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1330 ug/kg	4250	31	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1540 ug/kg	4250	36	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2880 ug/kg	8510	34	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2500 ug/kg	8510	29	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2640 ug/kg	8510	31	(19%-94%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	110 ug/kg	50.0	92	(67%-136%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SD-01-DP	Project:	RVDE00425C
Sample ID:	767718005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time Batch	Method
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "Dry Weight Corrected"		104	ug/kg	50.0		86	(75%-131%)	
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		120	ug/kg	50.0		100	(79%-122%)	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00425C
Sample ID:	767718006	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	10-MAR-26 14:30		
Receive Date:	11-MAR-26		
Collector:	Client		
Moisture:	8.78%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "Dry Weight Corrected"												
Cyanide, Total	U	ND	84.8	254	ug/kg	46.3	1	CH9	03/19/26	1539	2960702	1
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		24.8	8.31	24.8	ug/kg	113	1	PB1	03/13/26	0749	2960527	2
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2310000	7150	21000	ug/kg	96.0	1	HS2	03/17/26	1712	2959953	3
Antimony	J	1290	347	2100	ug/kg	96.0	1					
Arsenic		3570	526	3160	ug/kg	96.0	1					
Barium		19400	105	526	ug/kg	96.0	1					
Beryllium	U	ND	105	526	ug/kg	96.0	1					
Cadmium	U	ND	105	526	ug/kg	96.0	1					
Calcium		2490000	8420	26300	ug/kg	96.0	1					
Chromium		4050	158	1050	ug/kg	96.0	1					
Cobalt	J	402	158	526	ug/kg	96.0	1					
Copper		4170	316	2100	ug/kg	96.0	1					
Iron		4450000	8420	26300	ug/kg	96.0	1					
Lead		17400	347	2100	ug/kg	96.0	1					
Magnesium		200000	8940	31600	ug/kg	96.0	1					
Manganese		61200	210	1050	ug/kg	96.0	1					
Nickel		930	158	526	ug/kg	96.0	1					
Selenium	J	2850	526	3160	ug/kg	96.0	1					
Silver	U	ND	105	526	ug/kg	96.0	1					
Sodium	J	19800	7360	26300	ug/kg	96.0	1					
Thallium	U	ND	526	2100	ug/kg	96.0	1					
Vanadium		6650	105	526	ug/kg	96.0	1					
Zinc		11100	421	2100	ug/kg	96.0	1					
Potassium		84000	6730	26300	ug/kg	96.0	1	HS2	03/25/26	1541	2959953	4
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	109	362	ug/kg	0.0330	1	BM1	03/13/26	2014	2960411	5
1,2,4,5-Tetrachlorobenzene	U	ND	109	362	ug/kg	0.0330	1					
1,4-Dioxane	U	ND	109	362	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	109	362	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00425C
Sample ID:	767718006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4,5-Trichlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	109	362	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	109	725	ug/kg	0.0330	1					
2,4-Dinitrotoluene	U	ND	109	362	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	109	362	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	10.9	36.2	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	109	362	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	109	362	ug/kg	0.0330	1					
2-Methylnaphthalene		153	10.9	36.2	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	109	362	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	109	362	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	109	362	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	145	362	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	109	362	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	109	362	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	109	362	ug/kg	0.0330	1					
Acenaphthene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Acenaphthylene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Acetophenone	U	ND	109	362	ug/kg	0.0330	1					
Anthracene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Atrazine	U	ND	145	362	ug/kg	0.0330	1					
Benzaldehyde	U	ND	109	362	ug/kg	0.0330	1					
Benzo(a)anthracene	J	26.4	10.9	36.2	ug/kg	0.0330	1					
Benzo(a)pyrene	J	22.5	10.9	36.2	ug/kg	0.0330	1					
Benzo(b)fluoranthene	J	32.2	10.9	36.2	ug/kg	0.0330	1					
Benzo(ghi)perylene	J	21.0	10.9	36.2	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Carbazole	U	ND	10.9	36.2	ug/kg	0.0330	1					
Chrysene	J	29.0	10.9	36.2	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Dibenzofuran	U	ND	109	362	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-04-3.0 Project: RVDE00425C
Sample ID: 767718006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Diethylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
Diphenylamine	U	ND	109	362	ug/kg	0.0330	1					
Fluoranthene		38.8	10.9	36.2	ug/kg	0.0330	1					
Fluorene	U	ND	10.9	36.2	ug/kg	0.0330	1					
Hexachlorobenzene	U	ND	109	362	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	109	362	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	109	362	ug/kg	0.0330	1					
Hexachloroethane	U	ND	109	362	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	J	18.8	10.9	36.2	ug/kg	0.0330	1					
Isophorone	U	ND	109	362	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	109	362	ug/kg	0.0330	1					
Naphthalene		98.2	10.9	36.2	ug/kg	0.0330	1					
Nitrobenzene	U	ND	109	362	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	109	362	ug/kg	0.0330	1					
Phenanthrene		65.6	10.9	36.2	ug/kg	0.0330	1					
Phenol	U	ND	109	362	ug/kg	0.0330	1					
Pyrene		37.3	10.9	36.2	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	109	362	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	109	362	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	109	362	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	10.9	36.2	ug/kg	0.0330	1					
m,p-Cresols	U	ND	109	362	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	109	362	ug/kg	0.0330	1					
o-Cresol	U	ND	109	362	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	120	362	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	109	362	ug/kg	0.0330	1					
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1016	U	ND	1.21	3.64	ug/kg	0.0332	1	JXM	03/13/26	1936	2960517	6
Aroclor-1221	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1232	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1242	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1248	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1254	J	1.29	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1260	J	2.53	1.21	3.64	ug/kg	0.0332	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-04-3.0 Project: RVDE00425C
Sample ID: 767718006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"												
Aroclor-1262	U	ND	1.21	3.64	ug/kg	0.0332	1					
Aroclor-1268	U	ND	1.21	3.64	ug/kg	0.0332	1					
Semi-Volatiles-Pesticide												
SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"												
4,4'-DDD	U	ND	3.61	14.5	ug/kg	0.165	10	YS1	03/13/26	1302	2960428	7
4,4'-DDE	U	ND	3.61	14.5	ug/kg	0.165	10					
4,4'-DDT	U	ND	3.61	14.5	ug/kg	0.165	10					
Aldrin	U	ND	1.81	7.23	ug/kg	0.165	10					
Dieldrin	U	ND	3.61	14.5	ug/kg	0.165	10					
Endosulfan I	U	ND	1.81	7.23	ug/kg	0.165	10					
Endosulfan II	U	ND	3.61	14.5	ug/kg	0.165	10					
Endosulfan sulfate	U	ND	3.61	14.5	ug/kg	0.165	10					
Endrin	U	ND	3.61	14.5	ug/kg	0.165	10					
Endrin aldehyde	U	ND	3.61	14.5	ug/kg	0.165	10					
Endrin ketone	U	ND	3.61	14.5	ug/kg	0.165	10					
Heptachlor	U	ND	1.81	7.23	ug/kg	0.165	10					
Heptachlor epoxide	U	ND	1.81	7.23	ug/kg	0.165	10					
Methoxychlor	U	ND	18.1	72.3	ug/kg	0.165	10					
Toxaphene	U	ND	60.2	181	ug/kg	0.165	10					
alpha-BHC	U	ND	1.81	7.23	ug/kg	0.165	10					
beta-BHC	U	ND	1.81	7.23	ug/kg	0.165	10					
cis-Chlordane	U	ND	1.81	7.23	ug/kg	0.165	10					
delta-BHC	U	ND	1.81	7.23	ug/kg	0.165	10					
gamma-BHC (Lindane)	U	ND	1.81	7.23	ug/kg	0.165	10					
trans-Chlordane	U	ND	1.81	7.23	ug/kg	0.165	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.168	0.137	0.343	mg/kg	31.3	1	BR2	03/25/26	1242	2962940	9
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1	JEB	03/23/26	1821	2965810	10
1,1,2,2-Tetrachloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,1,2-Trichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,1-Dichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00425C
Sample ID:	767718006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1-Dichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2,3-Trichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2,4-Trichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dibromo-3-chloropropane	U	ND	0.510	1.02	ug/kg	0.931	1					
1,2-Dibromoethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dichloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,2-Dichloropropane	U	ND	0.340	1.02	ug/kg	0.931	1					
1,3-Dichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
1,4-Dichlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
2-Butanone	J	3.90	1.70	5.10	ug/kg	0.931	1					
2-Hexanone	U	ND	1.70	5.10	ug/kg	0.931	1					
4-Methyl-2-pentanone	U	ND	1.70	5.10	ug/kg	0.931	1					
Acetone		26.6	1.70	5.10	ug/kg	0.931	1					
Benzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromochloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromodichloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromoform	U	ND	0.340	1.02	ug/kg	0.931	1					
Bromomethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Carbon disulfide	U	ND	1.70	5.10	ug/kg	0.931	1					
Carbon tetrachloride	U	ND	0.340	1.02	ug/kg	0.931	1					
Chlorobenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Chloroethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Chloroform	U	ND	0.340	1.02	ug/kg	0.931	1					
Chloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Cyclohexane	J	0.745	0.340	1.02	ug/kg	0.931	1					
Dibromochloromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Dichlorodifluoromethane	U	ND	0.340	1.02	ug/kg	0.931	1					
Ethylbenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Isopropylbenzene	U	ND	0.340	1.02	ug/kg	0.931	1					
Methyl acetate	U	ND	1.70	5.10	ug/kg	0.931	1					
Methylcyclohexane		1.06	0.340	1.02	ug/kg	0.931	1					
Methylene chloride	U	ND	1.70	5.10	ug/kg	0.931	1					
Styrene	U	ND	0.340	1.02	ug/kg	0.931	1					
Tetrachloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1					
Toluene	U	ND	0.340	1.02	ug/kg	0.931	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00425C
Sample ID:	767718006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Volatile Organics											
SW846 8260 TCL Volatiles "Dry Weight Corrected"											
Trichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1				
Trichlorofluoromethane	U	ND	0.340	1.02	ug/kg	0.931	1				
Trichlorotrifluoroethane	U	ND	1.70	5.10	ug/kg	0.931	1				
Vinyl chloride	U	ND	0.340	1.02	ug/kg	0.931	1				
cis-1,2-Dichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1				
cis-1,3-Dichloropropylene	U	ND	0.340	1.02	ug/kg	0.931	1				
m,p-Xylenes	U	ND	0.681	2.04	ug/kg	0.931	1				
o-Xylene	U	ND	0.340	1.02	ug/kg	0.931	1				
tert-Butyl methyl ether	U	ND	0.340	1.02	ug/kg	0.931	1				
trans-1,2-Dichloroethylene	U	ND	0.340	1.02	ug/kg	0.931	1				
trans-1,3-Dichloropropylene	U	ND	0.340	1.02	ug/kg	0.931	1				

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 5035	5035 Prep	JEB	03/10/26	1430	2965809
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 9010C Distillation	SW846 9010C Prep	GP1	03/19/26	1201	2960701
SW846 3541	Prep Method 3541 8081B Prep Soil	JG3	03/13/26	0540	2960427
SW846 3541	Prep Method 3541 PCB Prep Soil	DC2	03/13/26	0759	2960515
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00425C
Sample ID:	767718006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7471B	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3541/8270E	
6	SW846 3541/8082A	
7	SW846 3541/8081B	
8	SW846 3541/8081B	
9	SW846 7196A	
10	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	848 ug/kg	1810	47	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	931 ug/kg	1810	51	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1130 ug/kg	1810	62	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2220 ug/kg	3620	61	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	1900 ug/kg	3620	53	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	1870 ug/kg	3620	52	(19%-94%)
Decachlorobiphenyl	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	5.35 ug/kg	7.28	73	(31%-138%)
4cmx	SW846 3541/8082A TCL PCB, Solid(Automated Soxhlet) "Dry Weight Corrected"	3.50 ug/kg	7.28	48	(24%-118%)
Decachlorobiphenyl	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	33.5 ug/kg	36.1	93	(35%-151%)
4cmx	SW846 8081B/3541 TCL Pesticide, Soil "Dry Weight Corrected"	31.4 ug/kg	36.1	87	(26%-130%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	44.8 ug/kg	50.0	88	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	45.4 ug/kg	50.0	89	(75%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "Dry Weight Corrected"	48.9 ug/kg	50.0	96	(79%-122%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-04-3.0	Project:	RVDE00425C
Sample ID:	767718006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-34-1.0	Project:	RVDE00425C
Sample ID:	767718007	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	10-MAR-26 15:15		
Receive Date:	11-MAR-26		
Collector:	Client		
Moisture:	8.81%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		151	8.13	24.3	ug/kg	111	1	PB1	03/13/26	0751	2960527	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		12200000	6980	20500	ug/kg	93.6	1	HS2	03/17/26	1714	2959953	2
Beryllium		1360	103	513	ug/kg	93.6	1					
Sodium		445000	7190	25700	ug/kg	93.6	1					
Antimony	J	8110	1690	10300	ug/kg	93.6	5	HS2	03/20/26	1107	2959953	3
Barium		220000	513	2570	ug/kg	93.6	5					
Cadmium		4150	513	2570	ug/kg	93.6	5					
Calcium		117000000	41100	128000	ug/kg	93.6	5					
Chromium		961000	770	5130	ug/kg	93.6	5					
Cobalt		7860	770	2570	ug/kg	93.6	5					
Copper		195000	1540	10300	ug/kg	93.6	5					
Iron		208000000	41100	128000	ug/kg	93.6	5					
Lead		150000	1690	10300	ug/kg	93.6	5					
Magnesium		35300000	43600	154000	ug/kg	93.6	5					
Nickel		64400	770	2570	ug/kg	93.6	5					
Potassium		248000	32900	128000	ug/kg	93.6	5					
Selenium		29000	2570	15400	ug/kg	93.6	5					
Silver		4740	513	2570	ug/kg	93.6	5					
Thallium	U	ND	2570	10300	ug/kg	93.6	5					
Vanadium		627000	513	2570	ug/kg	93.6	5					
Zinc		2130000	2050	10300	ug/kg	93.6	5					
Arsenic		16100	2570	15400	ug/kg	93.6	5	HS2	03/24/26	1345	2959953	4
Manganese		17200000	10300	51300	ug/kg	93.6	50	HS2	03/20/26	1424	2959953	5
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	108	361	ug/kg	0.0329	1	BM1	03/13/26	2124	2960411	6
1,2,4,5-Tetrachlorobenzene	U	ND	108	361	ug/kg	0.0329	1					
1,4-Dioxane	U	ND	108	361	ug/kg	0.0329	1					
2,3,4,6-Tetrachlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4,5-Trichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4,6-Trichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dichlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2,4-Dimethylphenol	U	ND	108	361	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-34-1.0	Project:	RVDE00425C
Sample ID:	767718007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrophenol	U	ND	108	722	ug/kg	0.0329	1					
2,4-Dinitrotoluene	U	ND	108	361	ug/kg	0.0329	1					
2,6-Dinitrotoluene	U	ND	108	361	ug/kg	0.0329	1					
2-Chloronaphthalene	U	ND	10.8	36.1	ug/kg	0.0329	1					
2-Chlorophenol	U	ND	108	361	ug/kg	0.0329	1					
2-Methyl-4,6-dinitrophenol	U	ND	108	361	ug/kg	0.0329	1					
2-Methylnaphthalene		74.0	10.8	36.1	ug/kg	0.0329	1					
2-Nitrophenol	U	ND	108	361	ug/kg	0.0329	1					
3,3'-Dichlorobenzidine	U	ND	108	361	ug/kg	0.0329	1					
4-Bromophenylphenylether	U	ND	108	361	ug/kg	0.0329	1					
4-Chloro-3-methylphenol	U	ND	144	361	ug/kg	0.0329	1					
4-Chloroaniline	U	ND	108	361	ug/kg	0.0329	1					
4-Chlorophenylphenylether	U	ND	108	361	ug/kg	0.0329	1					
4-Nitrophenol	U	ND	108	361	ug/kg	0.0329	1					
Acenaphthene	J	20.9	10.8	36.1	ug/kg	0.0329	1					
Acenaphthylene	J	13.4	10.8	36.1	ug/kg	0.0329	1					
Acetophenone	U	ND	108	361	ug/kg	0.0329	1					
Anthracene		48.7	10.8	36.1	ug/kg	0.0329	1					
Atrazine	U	ND	144	361	ug/kg	0.0329	1					
Benzaldehyde	U	ND	108	361	ug/kg	0.0329	1					
Benzo(a)anthracene		185	10.8	36.1	ug/kg	0.0329	1					
Benzo(a)pyrene		165	10.8	36.1	ug/kg	0.0329	1					
Benzo(b)fluoranthene		335	10.8	36.1	ug/kg	0.0329	1					
Benzo(ghi)perylene		150	10.8	36.1	ug/kg	0.0329	1					
Benzo(k)fluoranthene		106	10.8	36.1	ug/kg	0.0329	1					
Butylbenzylphthalate		36.1	10.8	36.1	ug/kg	0.0329	1					
Carbazole	J	17.0	10.8	36.1	ug/kg	0.0329	1					
Chrysene		273	10.8	36.1	ug/kg	0.0329	1					
Di-n-butylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Di-n-octylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Dibenzo(a,h)anthracene	J	35.4	10.8	36.1	ug/kg	0.0329	1					
Dibenzofuran	U	ND	108	361	ug/kg	0.0329	1					
Diethylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Dimethylphthalate	U	ND	10.8	36.1	ug/kg	0.0329	1					
Diphenylamine	U	ND	108	361	ug/kg	0.0329	1					
Fluoranthene		375	10.8	36.1	ug/kg	0.0329	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-34-1.0	Project:	RVDE00425C
Sample ID:	767718007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Fluorene	J	14.4	10.8	36.1	ug/kg	0.0329	1					
Hexachlorobenzene	U	ND	108	361	ug/kg	0.0329	1					
Hexachlorobutadiene	U	ND	108	361	ug/kg	0.0329	1					
Hexachlorocyclopentadiene	U	ND	108	361	ug/kg	0.0329	1					
Hexachloroethane	U	ND	108	361	ug/kg	0.0329	1					
Indeno(1,2,3-cd)pyrene		158	10.8	36.1	ug/kg	0.0329	1					
Isophorone	U	ND	108	361	ug/kg	0.0329	1					
N-Nitrosodipropylamine	U	ND	108	361	ug/kg	0.0329	1					
Naphthalene		48.0	10.8	36.1	ug/kg	0.0329	1					
Nitrobenzene	U	ND	108	361	ug/kg	0.0329	1					
Pentachlorophenol	U	ND	108	361	ug/kg	0.0329	1					
Phenanthrene		242	10.8	36.1	ug/kg	0.0329	1					
Phenol	U	ND	108	361	ug/kg	0.0329	1					
Pyrene		302	10.8	36.1	ug/kg	0.0329	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Chloroethoxy)methane	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Chloroethyl) ether	U	ND	108	361	ug/kg	0.0329	1					
bis(2-Ethylhexyl)phthalate		120	10.8	36.1	ug/kg	0.0329	1					
m,p-Cresols	U	ND	108	361	ug/kg	0.0329	1					
m-Nitroaniline	U	ND	108	361	ug/kg	0.0329	1					
o-Cresol	U	ND	108	361	ug/kg	0.0329	1					
o-Nitroaniline	U	ND	119	361	ug/kg	0.0329	1					
p-Nitroaniline	U	ND	108	361	ug/kg	0.0329	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium		0.349	0.132	0.331	mg/kg	30.1	1	BR2	03/25/26	1242	2962940	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	CJ3	03/12/26	1620	2959952
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/12/26	1305	2960526
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	03/13/26	0600	2960410

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: March 25, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Groundwater and Surface Water Sampling

Client Sample ID:	LS-SB-34-1.0	Project:	RVDE00425C
Sample ID:	767718007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3050B/6010D	
4	SW846 3050B/6010D	
5	SW846 3050B/6010D	
6	SW846 3541/8270E	
7	SW846 7196A	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	987 ug/kg	1800	55	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1080 ug/kg	1800	60	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1200 ug/kg	1800	67	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2020 ug/kg	3610	56	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2100 ug/kg	3610	58	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2070 ug/kg	3610	57	(19%-94%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company :	GEL Engineering, LLC		
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607	Report Date:	March 25, 2026
Contact:	Robert MacPhee		
Project:	Groundwater and Surface Water Sampling		

Client Sample ID:	LS-SB-04-1.0	Project:	RVDE00425C
Sample ID:	767718002	Client ID:	GEEL003
Matrix:	Soil		
Collect Date:	10-MAR-26		
Receive Date:	11-MAR-26		
Collector:	Client		
Moisture:	7.12%		

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: March 25, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-04-1.0-DP
Sample ID: 767718003
Matrix: Soil
Collect Date: 10-MAR-26
Receive Date: 11-MAR-26
Collector: Client
Moisture: 7.78%

Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: March 25, 2026

Contact: Robert MacPhee
Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01
Sample ID: 767718004
Matrix: Soil
Collect Date: 10-MAR-26
Receive Date: 11-MAR-26
Collector: Client
Moisture: 54.7%

Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: March 25, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SD-01-DP
Sample ID: 767718005
Matrix: Soil
Collect Date: 10-MAR-26
Receive Date: 11-MAR-26
Collector: Client
Moisture: 61%

Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: March 25, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-04-3.0
Sample ID: 767718006
Matrix: Soil
Collect Date: 10-MAR-26
Receive Date: 11-MAR-26
Collector: Client
Moisture: 8.78%

Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: March 25, 2026

Contact: Robert MacPhee

Project: Groundwater and Surface Water Sampling

Client Sample ID: LS-SB-34-1.0
Sample ID: 767718007
Matrix: Soil
Collect Date: 10-MAR-26
Receive Date: 11-MAR-26
Collector: Client
Moisture: 8.81%

Project: RVDE00425C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

QC Summary

Report Date: March 25, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Flow Injection Analysis										
Batch 2960702										
QC1206405975 767779001 DUP										
Cyanide, Total	U	ND	U	ND	ug/kg	N/A			CH9	03/19/26 15:41
QC1206405974 LCS										
Cyanide, Total	109000			101000	ug/kg		93.1	(50%-157%)		03/19/26 15:52
QC1206405973 MB										
Cyanide, Total			U	ND	ug/kg					03/19/26 15:35
QC1206405976 767779001 MS										
Cyanide, Total	4740 U	ND		4020	ug/kg		84.8	(46%-125%)		03/19/26 15:42
Metals Analysis-ICP										
Batch 2959953										
QC1206404418 LCS										
Aluminum	445000			445000	ug/kg		100	(80%-120%)	HS2	03/17/26 16:44
Antimony	44500			43200	ug/kg		97	(80%-120%)		
Arsenic	44500			44100	ug/kg		99.2	(80%-120%)		
Barium	44500			43700	ug/kg		98.2	(80%-120%)		
Beryllium	44500			44500	ug/kg		100	(80%-120%)		
Cadmium	44500			43300	ug/kg		97.4	(80%-120%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Calcium	445000			430000	ug/kg		96.7	(80%-120%)	HS2	03/17/26 16:44
Chromium	44500			44500	ug/kg		99.9	(80%-120%)		
Cobalt	44500			43700	ug/kg		98.2	(80%-120%)		
Copper	44500			43800	ug/kg		98.4	(80%-120%)		
Iron	445000			436000	ug/kg		98	(80%-120%)		
Lead	44500			43700	ug/kg		98.2	(80%-120%)		
Magnesium	445000			436000	ug/kg		97.9	(80%-120%)		
Manganese	44500			43800	ug/kg		98.4	(80%-120%)		
Nickel	44500			44100	ug/kg		99.1	(80%-120%)		
Potassium	445000			473000	ug/kg		106	(80%-120%)		
Selenium	44500			44200	ug/kg		99.4	(80%-120%)		
Silver	8900			8810	ug/kg		99.1	(80%-120%)		
Sodium	445000			474000	ug/kg		106	(80%-120%)		
Thallium	44500			45400	ug/kg		102	(80%-120%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Vanadium	44500			43100	ug/kg		97	(80%-120%)	HS2	03/17/26 16:44
Zinc	44500			43400	ug/kg		97.6	(80%-120%)		
QC1206404417 MB										
Aluminum			U	ND	ug/kg					03/17/26 16:41
Antimony			J	411	ug/kg					
Arsenic			J	620	ug/kg					
Barium			U	ND	ug/kg					
Beryllium			U	ND	ug/kg					
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Magnesium			U	ND	ug/kg				HS2	03/17/26 16:41
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			J	1190	ug/kg					
Silver			U	ND	ug/kg					
Sodium			J	7590	ug/kg					
Thallium			U	ND	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			U	ND	ug/kg					
QC1206404419 767718002 MS										
Aluminum	529000	3720000		7470000	ug/kg		N/A	(75%-125%)		03/17/26 16:49
Antimony	52900	ND	U	49200	ug/kg		93	(75%-125%)		
Arsenic	52900	2140	J	52900	ug/kg		96	(75%-125%)		
Barium	52900	10900		65400	ug/kg		103	(75%-125%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2959953											
Beryllium	52900	J	131		53300	ug/kg		100	(75%-125%)	HS2	03/17/26 16:49
Cadmium	52900	U	ND		51500	ug/kg		97.4	(75%-125%)		
Calcium	529000		1400000		1170000	ug/kg		0*	(75%-125%)		
Chromium	52900		4800		61400	ug/kg		107	(75%-125%)		
Cobalt	52900		725		52700	ug/kg		98.3	(75%-125%)		
Copper	52900		3990		56900	ug/kg		100	(75%-125%)		
Iron	529000		3050000		4400000	ug/kg		N/A	(75%-125%)		
Lead	52900		10100		61700	ug/kg		97.6	(75%-125%)		
Magnesium	529000		305000		869000	ug/kg		107	(75%-125%)		
Manganese	52900		19500		64300	ug/kg		84.8	(75%-125%)		
Nickel	52900		1370		54200	ug/kg		99.9	(75%-125%)		
Potassium	529000		194000		766000	ug/kg		108	(75%-125%)		
Selenium	52900	J	1110		52600	ug/kg		97.4	(75%-125%)		
Silver	10600	U	ND		10400	ug/kg		98.5	(75%-125%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2959953											
Sodium	529000	J	22000		592000	ug/kg		108	(75%-125%)	HS2	03/17/26 16:49
Thallium	52900	U	ND		52900	ug/kg		100	(75%-125%)		
Vanadium	52900		6240		60500	ug/kg		103	(75%-125%)		
Zinc	52900		11100		63100	ug/kg		98.3	(75%-125%)		
QC1206404420 767718002 MSD											
Aluminum	496000		3720000		8170000	ug/kg	9.02	N/A	(0%-20%)		03/17/26 16:51
Antimony	49600	U	ND		45400	ug/kg	7.88	91.6	(0%-20%)		
Arsenic	49600	J	2140		49200	ug/kg	7.22	95	(0%-20%)		
Barium	49600		10900		62900	ug/kg	3.99	105	(0%-20%)		
Beryllium	49600	J	131		49800	ug/kg	6.65	100	(0%-20%)		
Cadmium	49600	U	ND		47800	ug/kg	7.43	96.5	(0%-20%)		
Calcium	496000		1400000		982000	ug/kg	17.8	0 *	(0%-20%)		
Chromium	49600		4800		55800	ug/kg	9.63	103	(0%-20%)		
Cobalt	49600		725		50200	ug/kg	4.77	99.9	(0%-20%)		
Copper	49600		3990		51800	ug/kg	9.4	96.5	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2959953											
Iron	496000		3050000		4410000	ug/kg	0.239	N/A	(0%-20%)	HS2	03/17/26 16:51
Lead	49600		10100		53400	ug/kg	14.4	87.4	(0%-20%)		
Magnesium	496000		305000		828000	ug/kg	4.86	105	(0%-20%)		
Manganese	49600		19500		60400	ug/kg	6.28	82.6	(0%-20%)		
Nickel	49600		1370		50500	ug/kg	7.05	99.1	(0%-20%)		
Potassium	496000		194000		699000	ug/kg	9.14	102	(0%-20%)		
Selenium	49600	J	1110		47500	ug/kg	10.2	93.5	(0%-20%)		
Silver	9910	U	ND		9800	ug/kg	6.18	98.8	(0%-20%)		
Sodium	496000	J	22000		555000	ug/kg	6.47	108	(0%-20%)		
Thallium	49600	U	ND		49200	ug/kg	7.25	99.3	(0%-20%)		
Vanadium	49600		6240		54800	ug/kg	9.9	98	(0%-20%)		
Zinc	49600		11100		56300	ug/kg	11.4	91.1	(0%-20%)		
QC1206404421 767718002 PS											
Calcium	5000		13600		18400	ug/L		94.2	(75%-125%)		03/17/26 16:53
QC1206404422 767718002 SDILT											
Aluminum			36200		7560	ug/L	4.28		(0%-20%)		03/17/26 17:01

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Antimony	U	ND	U	ND	ug/L	N/A		(0%-20%)	HS2	03/17/26 17:01
Arsenic	J	20.8	J	7.52	ug/L	80.5		(0%-20%)		
Barium		106		23.6	ug/L	11.3		(0%-20%)		
Beryllium	J	1.27	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		13600		2830	ug/L	3.64		(0%-20%)		
Chromium		46.7		10.5	ug/L	12.4		(0%-20%)		
Cobalt		7.06	U	ND	ug/L	N/A		(0%-20%)		
Copper		38.8	J	8.82	ug/L	13.7		(0%-20%)		
Iron		29600		6150	ug/L	3.7		(0%-20%)		
Lead		98.1	J	18.2	ug/L	7.16		(0%-20%)		
Magnesium		2970		615	ug/L	3.45		(0%-20%)		
Manganese		190		41.8	ug/L	10.3		(0%-20%)		
Nickel		13.3	J	2.40	ug/L	9.83		(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2959953										
Potassium		1890		409	ug/L	8.55		(0%-20%)	HS2	03/17/26 17:01
Selenium	J	10.8	J	9.07	ug/L	318		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium	J	215	U	ND	ug/L	N/A		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		60.7		13.0	ug/L	7.24		(0%-20%)		
Zinc		108		27.5	ug/L	27.4		(0%-20%)		
Metals Analysis-Mercury										
Batch 2960527										
QC1206405654 LCS										
Mercury	240			247	ug/kg		103	(80%-120%)	PB1	03/13/26 07:29
QC1206405653 MB										
Mercury			U	ND	ug/kg					03/13/26 07:27
QC1206405875 760687007 MS										
Mercury	232 HhU	ND	Hh	199	ug/kg		86	(80%-120%)		03/13/26 07:32
QC1206405876 760687007 MSD										
Mercury	225 HhU	ND	Hh	196	ug/kg	1.89	87	(0%-20%)		03/13/26 07:34

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
QC1206405354 LCS										
1,2,4,5-Tetrachlorobenzene	1660			806	ug/kg		49	(42%-108%)	BM1	03/13/26 13:44
1,4-Dioxane	1660			395	ug/kg		24*	(35%-53%)		
2,3,4,6-Tetrachlorophenol	1660			865	ug/kg		52	(44%-114%)		
2,4,5-Trichlorophenol	1660			1460	ug/kg		88	(50%-121%)		
2,4,6-Trichlorophenol	1660			872	ug/kg		53	(48%-112%)		
2,4-Dichlorophenol	1660			823	ug/kg		50	(47%-112%)		
2,4-Dimethylphenol	1660			453	ug/kg		27*	(32%-74%)		
2,4-Dinitrophenol	1660		J	592	ug/kg		36	(22%-89%)		
2,4-Dinitrotoluene	1660			854	ug/kg		52	(49%-121%)		
2,6-Dinitrotoluene	1660			845	ug/kg		51	(47%-118%)		
2-Chloronaphthalene	1660			796	ug/kg		48	(44%-107%)		
2-Chlorophenol	1660			818	ug/kg		49	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			584	ug/kg		35	(21%-106%)		
2-Methylnaphthalene	1660			895	ug/kg		54	(47%-109%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
2-Nitrophenol	1660			788	ug/kg		48	(44%-109%)	BM1	03/13/26 13:44
3,3'-Dichlorobenzidine	1660			764	ug/kg		46	(39%-100%)		
4-Bromophenylphenylether	1660			906	ug/kg		55	(50%-120%)		
4-Chloro-3-methylphenol	1660			842	ug/kg		51	(50%-114%)		
4-Chloroaniline	1660			726	ug/kg		44	(38%-96%)		
4-Chlorophenylphenylether	1660			940	ug/kg		57	(50%-118%)		
4-Nitrophenol	1660			996	ug/kg		60	(46%-120%)		
Acenaphthene	1660			802	ug/kg		48	(45%-112%)		
Acenaphthylene	1660			759	ug/kg		46	(43%-106%)		
Acetophenone	1660			807	ug/kg		49	(35%-100%)		
Anthracene	1660			821	ug/kg		50	(50%-115%)		
Atrazine	1660			838	ug/kg		51	(51%-144%)		
Benzaldehyde	1660		J	132	ug/kg		8*	(21%-89%)		
Benzo(a)anthracene	1660			892	ug/kg		54	(51%-117%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Benzo(a)pyrene	1660			875	ug/kg		53	(48%-118%)	BM1	03/13/26 13:44
Benzo(b)fluoranthene	1660			1010	ug/kg		61	(51%-121%)		
Benzo(ghi)perylene	1660			927	ug/kg		56	(51%-125%)		
Benzo(k)fluoranthene	1660			951	ug/kg		57	(50%-124%)		
Butylbenzylphthalate	1660			1000	ug/kg		60	(51%-133%)		
Carbazole	1660			893	ug/kg		54	(53%-119%)		
Chrysene	1660			868	ug/kg		52	(52%-116%)		
Di-n-butylphthalate	1660			954	ug/kg		58	(54%-126%)		
Di-n-octylphthalate	1660			920	ug/kg		56	(50%-133%)		
Dibenzo(a,h)anthracene	1660			898	ug/kg		54	(48%-120%)		
Dibenzofuran	1660			840	ug/kg		51	(50%-110%)		
Diethylphthalate	1660			849	ug/kg		51*	(52%-123%)		
Dimethylphthalate	1660			843	ug/kg		51	(49%-124%)		
Diphenylamine	1660			866	ug/kg		52	(51%-115%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Fluoranthene	1660			921	ug/kg		56	(52%-121%)	BM1	03/13/26 13:44
Fluorene	1660			887	ug/kg		54	(50%-116%)		
Hexachlorobenzene	1660			869	ug/kg		53	(48%-117%)		
Hexachlorobutadiene	1660			852	ug/kg		51	(40%-105%)		
Hexachlorocyclopentadiene	1660		J	269	ug/kg		16*	(26%-82%)		
Hexachloroethane	1660			773	ug/kg		47	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			938	ug/kg		57	(47%-123%)		
Isophorone	1660			672	ug/kg		41	(37%-120%)		
N-Nitrosodipropylamine	1660			761	ug/kg		46	(46%-113%)		
Naphthalene	1660			790	ug/kg		48	(44%-105%)		
Nitrobenzene	1660			799	ug/kg		48	(44%-106%)		
Pentachlorophenol	1660			970	ug/kg		59	(36%-111%)		
Phenanthrene	1660			827	ug/kg		50	(50%-114%)		
Phenol	1660			804	ug/kg		49	(46%-107%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Pyrene	1660			927	ug/kg		56	(53%-122%)	BM1	03/13/26 13:44
bis(2-Chloro-1-methylethyl)ether	1660			771	ug/kg		47	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			742	ug/kg		45	(45%-106%)		
bis(2-Chloroethyl) ether	1660			722	ug/kg		44	(44%-106%)		
bis(2-Ethylhexyl)phthalate	1660			888	ug/kg		54	(50%-134%)		
m,p-Cresols	1660			778	ug/kg		47	(46%-106%)		
m-Nitroaniline	1660			490	ug/kg		30*	(41%-108%)		
o-Cresol	1660			771	ug/kg		47	(45%-105%)		
o-Nitroaniline	1660			805	ug/kg		49	(48%-117%)		
p-Nitroaniline	1660			872	ug/kg		53	(49%-119%)		
**2,4,6-Tribromophenol	3310			2100	ug/kg		64	(20%-104%)		
**2-Fluorobiphenyl	1660			876	ug/kg		53	(20%-93%)		
**2-Fluorophenol	3310			1770	ug/kg		54	(19%-94%)		
**Nitrobenzene-d5	1660			866	ug/kg		52	(19%-90%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
**Phenol-d5	3310			1750	ug/kg		53	(20%-99%)	BM1	03/13/26 13:44
**p-Terphenyl-d14	1660			1080	ug/kg		66	(24%-107%)		
QC1206405353 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/13/26 13:21
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					
1,4-Dioxane			U	ND	ug/kg					
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2960411											
2-Chlorophenol			U	ND	ug/kg				BM1	03/13/26	13:21
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg						
2-Methylnaphthalene			U	ND	ug/kg						
2-Nitrophenol			U	ND	ug/kg						
3,3'-Dichlorobenzidine			U	ND	ug/kg						
4-Bromophenylphenylether			U	ND	ug/kg						
4-Chloro-3-methylphenol			U	ND	ug/kg						
4-Chloroaniline			U	ND	ug/kg						
4-Chlorophenylphenylether			U	ND	ug/kg						
4-Nitrophenol			U	ND	ug/kg						
Acenaphthene			U	ND	ug/kg						
Acenaphthylene			U	ND	ug/kg						
Acetophenone			U	ND	ug/kg						
Anthracene			U	ND	ug/kg						

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Atrazine			U	ND	ug/kg				BM1	03/13/26 13:21
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2960411											
Diethylphthalate			U	ND	ug/kg				BM1	03/13/26	13:21
Dimethylphthalate			U	ND	ug/kg						
Diphenylamine			U	ND	ug/kg						
Fluoranthene			U	ND	ug/kg						
Fluorene			U	ND	ug/kg						
Hexachlorobenzene			U	ND	ug/kg						
Hexachlorobutadiene			U	ND	ug/kg						
Hexachlorocyclopentadiene			U	ND	ug/kg						
Hexachloroethane			U	ND	ug/kg						
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg						
Isophorone			U	ND	ug/kg						
N-Nitrosodipropylamine			U	ND	ug/kg						
Naphthalene			U	ND	ug/kg						
Nitrobenzene			U	ND	ug/kg						

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960411										
Pentachlorophenol			U	ND	ug/kg				BM1	03/13/26 13:21
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3310			3010	ug/kg		91	(20%-104%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
**2-Fluorobiphenyl	1650				1400	ug/kg		85	(20%-93%)	BM1	03/13/26 13:21
**2-Fluorophenol	3310				2750	ug/kg		83	(19%-94%)		
**Nitrobenzene-d5	1650				1320	ug/kg		80	(19%-90%)		
**Phenol-d5	3310				2660	ug/kg		80	(20%-99%)		
**p-Terphenyl-d14	1650				1460	ug/kg		88	(24%-107%)		
QC1206405355 767718006 MS											
1,2,4,5-Tetrachlorobenzene	1810	U	ND		1050	ug/kg		58	(16%-106%)		03/13/26 20:38
1,4-Dioxane	1810	U	ND		423	ug/kg		23	(15%-57%)		
2,3,4,6-Tetrachlorophenol	1810	U	ND		1230	ug/kg		68	(15%-114%)		
2,4,5-Trichlorophenol	1810	U	ND		1450	ug/kg		80	(16%-122%)		
2,4,6-Trichlorophenol	1810	U	ND		1310	ug/kg		72	(16%-112%)		
2,4-Dichlorophenol	1810	U	ND		1200	ug/kg		66	(15%-112%)		
2,4-Dimethylphenol	1810	U	ND		712	ug/kg		39	(17%-73%)		
2,4-Dinitrophenol	1810	U	ND	J	479	ug/kg		26	(19%-117%)		
2,4-Dinitrotoluene	1810	U	ND		1270	ug/kg		70	(15%-119%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
2,6-Dinitrotoluene	1810	U	ND		1210	ug/kg		67	(14%-119%)	BM1	03/13/26 20:38
2-Chloronaphthalene	1810	U	ND		1160	ug/kg		64	(15%-108%)		
2-Chlorophenol	1810	U	ND		1190	ug/kg		66	(17%-104%)		
2-Methyl-4,6-dinitrophenol	1810	U	ND	J	360	ug/kg		20	(10%-120%)		
2-Methylnaphthalene	1810		153		1470	ug/kg		73	(16%-108%)		
2-Nitrophenol	1810	U	ND		1060	ug/kg		59	(14%-107%)		
3,3'-Dichlorobenzidine	1810	U	ND		1110	ug/kg		62	(13%-95%)		
4-Bromophenylphenylether	1810	U	ND		1320	ug/kg		73	(16%-122%)		
4-Chloro-3-methylphenol	1810	U	ND		1370	ug/kg		76	(17%-116%)		
4-Chloroaniline	1810	U	ND		1010	ug/kg		56	(16%-91%)		
4-Chlorophenylphenylether	1810	U	ND		1310	ug/kg		72	(16%-120%)		
4-Nitrophenol	1810	U	ND		1460	ug/kg		80	(14%-122%)		
Acenaphthene	1810	U	ND		1140	ug/kg		63	(15%-114%)		
Acenaphthylene	1810	U	ND		1070	ug/kg		59	(16%-107%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Acetophenone	1810	U	ND		1170	ug/kg		64	(16%-97%)	BM1	03/13/26 20:38
Anthracene	1810	U	ND		1230	ug/kg		68	(16%-119%)		
Atrazine	1810	U	ND		1140	ug/kg		63	(12%-144%)		
Benzaldehyde	1810	U	ND	J	181	ug/kg		10*	(12%-103%)		
Benzo(a)anthracene	1810	J	26.4		1350	ug/kg		73	(16%-120%)		
Benzo(a)pyrene	1810	J	22.5		1310	ug/kg		71	(16%-119%)		
Benzo(b)fluoranthene	1810	J	32.2		1510	ug/kg		82	(16%-123%)		
Benzo(ghi)perylene	1810	J	21.0		1430	ug/kg		78	(15%-127%)		
Benzo(k)fluoranthene	1810	U	ND		1330	ug/kg		74	(16%-126%)		
Butylbenzylphthalate	1810	U	ND		1580	ug/kg		87	(14%-135%)		
Carbazole	1810	U	ND		1270	ug/kg		70	(16%-123%)		
Chrysene	1810	J	29.0		1290	ug/kg		70	(17%-119%)		
Di-n-butylphthalate	1810	U	ND		1420	ug/kg		79	(16%-129%)		
Di-n-octylphthalate	1810	U	ND		1520	ug/kg		84	(16%-134%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Dibenzo(a,h)anthracene	1810	U	ND		1380	ug/kg		76	(16%-120%)	BM1	03/13/26 20:38
Dibenzofuran	1810	U	ND		1240	ug/kg		68	(17%-114%)		
Diethylphthalate	1810	U	ND		1230	ug/kg		68	(16%-124%)		
Dimethylphthalate	1810	U	ND		1200	ug/kg		66	(16%-123%)		
Diphenylamine	1810	U	ND		1290	ug/kg		71	(18%-116%)		
Fluoranthene	1810		38.8		1360	ug/kg		73	(17%-124%)		
Fluorene	1810	U	ND		1260	ug/kg		70	(16%-119%)		
Hexachlorobenzene	1810	U	ND		1250	ug/kg		69	(18%-117%)		
Hexachlorobutadiene	1810	U	ND		1070	ug/kg		59	(15%-101%)		
Hexachlorocyclopentadiene	1810	U	ND	U	ND	ug/kg		0 *	(16%-60%)		
Hexachloroethane	1810	U	ND		876	ug/kg		48	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1810	J	18.8		1440	ug/kg		78	(14%-125%)		
Isophorone	1810	U	ND		1020	ug/kg		56	(12%-116%)		
N-Nitrosodipropylamine	1810	U	ND		1150	ug/kg		63	(14%-113%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Naphthalene	1810		98.2		1220	ug/kg		62	(15%-105%)	BM1	03/13/26 20:38
Nitrobenzene	1810	U	ND		1070	ug/kg		59	(15%-105%)		
Pentachlorophenol	1810	U	ND		1390	ug/kg		77	(11%-115%)		
Phenanthrene	1810		65.6		1300	ug/kg		68	(15%-120%)		
Phenol	1810	U	ND		1210	ug/kg		67	(16%-107%)		
Pyrene	1810		37.3		1320	ug/kg		71	(15%-127%)		
bis(2-Chloro-1-methylethyl)ether	1810	U	ND		1130	ug/kg		62	(10%-110%)		
bis(2-Chloroethoxy)methane	1810	U	ND		1120	ug/kg		62	(16%-105%)		
bis(2-Chloroethyl) ether	1810	U	ND		1040	ug/kg		58	(14%-106%)		
bis(2-Ethylhexyl)phthalate	1810	U	ND		1560	ug/kg		86	(15%-135%)		
m,p-Cresols	1810	U	ND		1260	ug/kg		70	(17%-106%)		
m-Nitroaniline	1810	U	ND		716	ug/kg		40	(15%-103%)		
o-Cresol	1810	U	ND		1170	ug/kg		65	(17%-104%)		
o-Nitroaniline	1810	U	ND		1290	ug/kg		71	(16%-116%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
p-Nitroaniline	1810	U	ND		1240	ug/kg		69	(12%-118%)	BM1	03/13/26 20:38
**2,4,6-Tribromophenol	3620		2220		2540	ug/kg		70	(20%-104%)		
**2-Fluorobiphenyl	1810		931		1040	ug/kg		57	(20%-93%)		
**2-Fluorophenol	3620		1870		2190	ug/kg		60	(19%-94%)		
**Nitrobenzene-d5	1810		848		1000	ug/kg		55	(19%-90%)		
**Phenol-d5	3620		1900		2250	ug/kg		62	(20%-99%)		
**p-Terphenyl-d14	1810		1130		1200	ug/kg		66	(24%-107%)		
QC1206405356 767718006 MSD											
1,2,4,5-Tetrachlorobenzene	1810	U	ND		980	ug/kg	7	54	(0%-30%)		03/13/26 21:01
1,4-Dioxane	1810	U	ND		475	ug/kg	12	26	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1810	U	ND		1060	ug/kg	15	59	(0%-30%)		
2,4,5-Trichlorophenol	1810	U	ND		1320	ug/kg	10	73	(0%-30%)		
2,4,6-Trichlorophenol	1810	U	ND		1180	ug/kg	10	65	(0%-30%)		
2,4-Dichlorophenol	1810	U	ND		1060	ug/kg	13	58	(0%-30%)		
2,4-Dimethylphenol	1810	U	ND		627	ug/kg	13	35	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960411												
2,4-Dinitrophenol	1810	U	ND	J	398	ug/kg	18		22	(0%-30%)	BM1	03/13/26 21:01
2,4-Dinitrotoluene	1810	U	ND		1110	ug/kg	13		61	(0%-30%)		
2,6-Dinitrotoluene	1810	U	ND		1100	ug/kg	9		61	(0%-30%)		
2-Chloronaphthalene	1810	U	ND		1160	ug/kg	0		64	(0%-30%)		
2-Chlorophenol	1810	U	ND		1080	ug/kg	10		60	(0%-30%)		
2-Methyl-4,6-dinitrophenol	1810	U	ND	J	238	ug/kg	41	*	13	(0%-30%)		
2-Methylnaphthalene	1810		153		1370	ug/kg	7		67	(0%-30%)		
2-Nitrophenol	1810	U	ND		976	ug/kg	8		54	(0%-30%)		
3,3'-Dichlorobenzidine	1810	U	ND		980	ug/kg	13		54	(0%-30%)		
4-Bromophenylphenylether	1810	U	ND		1180	ug/kg	11		65	(0%-30%)		
4-Chloro-3-methylphenol	1810	U	ND		1160	ug/kg	17		64	(0%-30%)		
4-Chloroaniline	1810	U	ND		881	ug/kg	13		49	(0%-30%)		
4-Chlorophenylphenylether	1810	U	ND		1230	ug/kg	7		68	(0%-30%)		
4-Nitrophenol	1810	U	ND		1380	ug/kg	6		76	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Acenaphthene	1810	U	ND		1050	ug/kg	8	58	(0%-30%)	BM1	03/13/26 21:01
Acenaphthylene	1810	U	ND		997	ug/kg	8	55	(0%-30%)		
Acetophenone	1810	U	ND		1040	ug/kg	11	58	(0%-30%)		
Anthracene	1810	U	ND		1080	ug/kg	13	60	(0%-30%)		
Atrazine	1810	U	ND		990	ug/kg	14	55	(0%-30%)		
Benzaldehyde	1810	U	ND	J	225	ug/kg	22	12	(0%-30%)		
Benzo(a)anthracene	1810	J	26.4		1140	ug/kg	17	62	(0%-30%)		
Benzo(a)pyrene	1810	J	22.5		1140	ug/kg	14	62	(0%-30%)		
Benzo(b)fluoranthene	1810	J	32.2		1280	ug/kg	17	69	(0%-30%)		
Benzo(ghi)perylene	1810	J	21.0		1210	ug/kg	17	65	(0%-30%)		
Benzo(k)fluoranthene	1810	U	ND		1160	ug/kg	14	64	(0%-30%)		
Butylbenzylphthalate	1810	U	ND		1260	ug/kg	23	69	(0%-30%)		
Carbazole	1810	U	ND		1120	ug/kg	13	62	(0%-30%)		
Chrysene	1810	J	29.0		1110	ug/kg	15	60	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Di-n-butylphthalate	1810	U	ND		1210	ug/kg	16	67	(0%-30%)	BM1	03/13/26 21:01
Di-n-octylphthalate	1810	U	ND		1260	ug/kg	18	70	(0%-30%)		
Dibenzo(a,h)anthracene	1810	U	ND		1170	ug/kg	16	65	(0%-30%)		
Dibenzofuran	1810	U	ND		1150	ug/kg	7	64	(0%-30%)		
Diethylphthalate	1810	U	ND		1100	ug/kg	11	61	(0%-30%)		
Dimethylphthalate	1810	U	ND		1090	ug/kg	9	60	(0%-30%)		
Diphenylamine	1810	U	ND		1150	ug/kg	11	64	(0%-30%)		
Fluoranthene	1810		38.8		1220	ug/kg	11	65	(0%-30%)		
Fluorene	1810	U	ND		1160	ug/kg	8	64	(0%-30%)		
Hexachlorobenzene	1810	U	ND		1150	ug/kg	8	64	(0%-30%)		
Hexachlorobutadiene	1810	U	ND		1020	ug/kg	5	56	(0%-30%)		
Hexachlorocyclopentadiene	1810	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Hexachloroethane	1810	U	ND		882	ug/kg	1	49	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1810	J	18.8		1230	ug/kg	15	67	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
Isophorone	1810	U	ND		926	ug/kg	10	51	(0%-30%)	BM1	03/13/26 21:01
N-Nitrosodipropylamine	1810	U	ND		1030	ug/kg	10	57	(0%-30%)		
Naphthalene	1810		98.2		1150	ug/kg	5	58	(0%-30%)		
Nitrobenzene	1810	U	ND		1010	ug/kg	6	56	(0%-30%)		
Pentachlorophenol	1810	U	ND		1110	ug/kg	22	61	(0%-30%)		
Phenanthrene	1810		65.6		1170	ug/kg	10	61	(0%-30%)		
Phenol	1810	U	ND		1080	ug/kg	11	60	(0%-30%)		
Pyrene	1810		37.3		1190	ug/kg	10	64	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1810	U	ND		1040	ug/kg	8	58	(0%-30%)		
bis(2-Chloroethoxy)methane	1810	U	ND		1020	ug/kg	9	56	(0%-30%)		
bis(2-Chloroethyl) ether	1810	U	ND		960	ug/kg	8	53	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1810	U	ND		1240	ug/kg	23	68	(0%-30%)		
m,p-Cresols	1810	U	ND		1110	ug/kg	13	61	(0%-30%)		
m-Nitroaniline	1810	U	ND		655	ug/kg	9	36	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960411											
o-Cresol	1810	U	ND		1040	ug/kg	12	58	(0%-30%)	BM1	03/13/26 21:01
o-Nitroaniline	1810	U	ND		1150	ug/kg	11	63	(0%-30%)		
p-Nitroaniline	1810	U	ND		1070	ug/kg	14	59	(0%-30%)		
**2,4,6-Tribromophenol	3620		2220		2320	ug/kg		64	(20%-104%)		
**2-Fluorobiphenyl	1810		931		1010	ug/kg		56	(20%-93%)		
**2-Fluorophenol	3620		1870		2100	ug/kg		58	(19%-94%)		
**Nitrobenzene-d5	1810		848		960	ug/kg		53	(19%-90%)		
**Phenol-d5	3620		1900		2120	ug/kg		58	(20%-99%)		
**p-Terphenyl-d14	1810		1130		1150	ug/kg		63	(24%-107%)		
Semi-Volatiles-PCB											
Batch 2960517											
QC1206405638 LCS											
Aroclor-1016	33.3				23.6	ug/kg		71	(70%-130%)	JXM	03/13/26 15:34
Aroclor-1260	33.3				29.3	ug/kg		88	(70%-130%)		
**4cmx	6.66				4.26	ug/kg		64	(24%-118%)		
**Decachlorobiphenyl	6.66				5.95	ug/kg		89	(31%-138%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2960517										
QC1206405637 MB										
Aroclor-1016			U	ND	ug/kg				JXM	03/13/26 15:23
Aroclor-1221			U	ND	ug/kg					
Aroclor-1232			U	ND	ug/kg					
Aroclor-1242			U	ND	ug/kg					
Aroclor-1248			U	ND	ug/kg					
Aroclor-1254			U	ND	ug/kg					
Aroclor-1260			U	ND	ug/kg					
Aroclor-1262			U	ND	ug/kg					
Aroclor-1268			U	ND	ug/kg					
**4cmx	6.67			4.17	ug/kg		63	(24%-118%)		
**Decachlorobiphenyl	6.67			5.91	ug/kg		89	(31%-138%)		
QC1206405639 767718002 MS										
Aroclor-1016	35.5 U	ND	J	38.3	ug/kg		108	(31%-117%)		03/13/26 16:16
Aroclor-1260	35.5 J	39.6	J	61.9	ug/kg		63	(32%-124%)		
**4cmx	7.09	3.97		4.49	ug/kg		63	(24%-118%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB											
Batch 2960517											
**Decachlorobiphenyl	7.09		4.19		4.74	ug/kg		67	(31%-138%)	JXM	03/13/26 16:16
QC1206405640 767718002 MSD											
Aroclor-1016	35.6	U	ND	J	36.9	ug/kg	4	104	(0%-35%)		03/13/26 16:32
Aroclor-1260	35.6	J	39.6	J	55.7	ug/kg	11	45	(0%-37%)		
**4cmx	7.12		3.97		4.11	ug/kg		58	(24%-118%)		
**Decachlorobiphenyl	7.12		4.19		5.17	ug/kg		73	(31%-138%)		
Semi-Volatiles-Pesticide											
Batch 2960428											
QC1206405383 LCS											
4,4'-DDD	41.4				35.9	ug/kg		87	(70%-130%)	YS1	03/13/26 10:48
4,4'-DDE	41.4				36.1	ug/kg		87	(70%-130%)		
4,4'-DDT	41.4				36.1	ug/kg		87	(70%-130%)		
Aldrin	16.6				16.5	ug/kg		100	(70%-130%)		
Dieldrin	41.4				35.9	ug/kg		87	(70%-130%)		
Endosulfan I	16.6				12.9	ug/kg		78	(70%-130%)		
Endosulfan II	41.4				33.8	ug/kg		82	(70%-130%)		
Endosulfan sulfate	41.4				33.2	ug/kg		80	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2960428										
Endrin	41.4			37.3	ug/kg		90	(70%-130%)	YS1	03/13/26 10:48
Endrin aldehyde	41.4			37.0	ug/kg		89	(70%-130%)		
Endrin ketone	41.4			33.0	ug/kg		80	(70%-130%)		
Heptachlor	16.6			13.0	ug/kg		79	(70%-130%)		
Heptachlor epoxide	16.6			14.6	ug/kg		88	(70%-130%)		
Methoxychlor	166			142	ug/kg		86	(70%-130%)		
alpha-BHC	16.6			14.1	ug/kg		85	(70%-130%)		
beta-BHC	16.6			12.5	ug/kg		76	(70%-130%)		
cis-Chlordane	16.6			13.2	ug/kg		80	(70%-130%)		
delta-BHC	16.6			15.0	ug/kg		90	(70%-130%)		
gamma-BHC (Lindane)	16.6			13.8	ug/kg		84	(70%-130%)		
trans-Chlordane	16.6			12.4	ug/kg		75	(70%-130%)		
**4cmx	33.1			31.9	ug/kg		96	(26%-130%)		
**Decachlorobiphenyl	33.1			30.7	ug/kg		93	(35%-151%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2960428										
QC1206405386 LCS										
Toxaphene	133			103	ug/kg		77	(70%-130%)	YS1	03/13/26 11:10
**4cmx	33.3			31.3	ug/kg		94	(26%-130%)		
**Decachlorobiphenyl	33.3			29.2	ug/kg		88	(35%-151%)		
QC1206405382 MB										
4,4'-DDD			U	ND	ug/kg					03/13/26 10:25
4,4'-DDE			U	ND	ug/kg					
4,4'-DDT			U	ND	ug/kg					
Aldrin			U	ND	ug/kg					
Dieldrin			U	ND	ug/kg					
Endosulfan I			U	ND	ug/kg					
Endosulfan II			U	ND	ug/kg					
Endosulfan sulfate			U	ND	ug/kg					
Endrin			U	ND	ug/kg					
Endrin aldehyde			U	ND	ug/kg					
Endrin ketone			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2960428										
Heptachlor			U	ND	ug/kg				YS1	03/13/26 10:25
Heptachlor epoxide			U	ND	ug/kg					
Methoxychlor			U	ND	ug/kg					
Toxaphene			U	ND	ug/kg					
alpha-BHC			U	ND	ug/kg					
beta-BHC			U	ND	ug/kg					
cis-Chlordane			U	ND	ug/kg					
delta-BHC			U	ND	ug/kg					
gamma-BHC (Lindane)			U	ND	ug/kg					
trans-Chlordane			U	ND	ug/kg					
**4cmx	33.2			31.6	ug/kg		95	(26%-130%)		
**Decachlorobiphenyl	33.2			30.1	ug/kg		91	(35%-151%)		
QC1206405384 767718002 MS										
4,4'-DDD	44.6	U	ND	40.4	ug/kg		90	(33%-154%)		03/13/26 11:55
4,4'-DDE	44.6	U	ND	40.4	ug/kg		91	(29%-150%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2960428											
4,4'-DDT	44.6	J	0.697		38.4	ug/kg		85	(19%-156%)	YS1	03/13/26 11:55
Aldrin	17.8	U	ND		18.5	ug/kg		104	(26%-145%)		
Dieldrin	44.6	U	ND		40.4	ug/kg		90	(28%-144%)		
Endosulfan I	17.8	U	ND		13.6	ug/kg		76	(20%-140%)		
Endosulfan II	44.6	U	ND		36.2	ug/kg		81	(22%-143%)		
Endosulfan sulfate	44.6	U	ND		36.7	ug/kg		82	(25%-144%)		
Endrin	44.6	U	ND		45.8	ug/kg		103	(34%-164%)		
Endrin aldehyde	44.6	U	ND		39.2	ug/kg		88	(22%-149%)		
Endrin ketone	44.6	U	ND		37.2	ug/kg		83	(22%-142%)		
Heptachlor	17.8	U	ND		15.1	ug/kg		84	(21%-144%)		
Heptachlor epoxide	17.8	U	ND		16.5	ug/kg		92	(24%-148%)		
Methoxychlor	178	U	ND		154	ug/kg		87	(17%-150%)		
alpha-BHC	17.8	U	ND		17.7	ug/kg		99	(24%-143%)		
beta-BHC	17.8	U	ND		15.0	ug/kg		84	(22%-145%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2960428											
cis-Chlordane	17.8	U	ND		14.3	ug/kg		80	(20%-142%)	YS1	03/13/26 11:55
delta-BHC	17.8	U	ND		17.3	ug/kg		97	(21%-144%)		
gamma-BHC (Lindane)	17.8	U	ND		16.6	ug/kg		93	(22%-140%)		
trans-Chlordane	17.8	U	ND		14.6	ug/kg		82	(21%-141%)		
**4cmx	35.7		30.2		32.9	ug/kg		92	(26%-130%)		
**Decachlorobiphenyl	35.7		28.5		29.8	ug/kg		84	(35%-151%)		
QC1206405385 767718002 MSD											
4,4'-DDD	44.7	U	ND		41.0	ug/kg	2	92	(0%-30%)		03/13/26 12:17
4,4'-DDE	44.7	U	ND		41.0	ug/kg	2	92	(0%-30%)		
4,4'-DDT	44.7	J	0.697		36.3	ug/kg	6	80	(0%-30%)		
Aldrin	17.9	U	ND		18.7	ug/kg	1	105	(0%-30%)		
Dieldrin	44.7	U	ND		40.7	ug/kg	1	91	(0%-30%)		
Endosulfan I	17.9	U	ND		13.7	ug/kg	1	77	(0%-30%)		
Endosulfan II	44.7	U	ND		35.9	ug/kg	1	80	(0%-30%)		
Endosulfan sulfate	44.7	U	ND		36.7	ug/kg	0	82	(0%-30%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2960428											
Endrin	44.7	U	ND		46.1	ug/kg	1	103	(0%-30%)	YS1	03/13/26 12:17
Endrin aldehyde	44.7	U	ND		38.6	ug/kg	2	86	(0%-30%)		
Endrin ketone	44.7	U	ND		36.5	ug/kg	2	82	(0%-30%)		
Heptachlor	17.9	U	ND		14.7	ug/kg	2	83	(0%-30%)		
Heptachlor epoxide	17.9	U	ND		16.1	ug/kg	3	90	(0%-30%)		
Methoxychlor	179	U	ND		150	ug/kg	3	84	(0%-30%)		
alpha-BHC	17.9	U	ND		17.6	ug/kg	0	99	(0%-30%)		
beta-BHC	17.9	U	ND		16.8	ug/kg	11	94	(0%-30%)		
cis-Chlordane	17.9	U	ND		14.7	ug/kg	3	82	(0%-30%)		
delta-BHC	17.9	U	ND		17.2	ug/kg	1	96	(0%-30%)		
gamma-BHC (Lindane)	17.9	U	ND		16.4	ug/kg	1	92	(0%-30%)		
trans-Chlordane	17.9	U	ND		14.3	ug/kg	2	80	(0%-30%)		
**4cmx	35.7		30.2		33.0	ug/kg		92	(26%-130%)		
**Decachlorobiphenyl	35.7		28.5		30.5	ug/kg		85	(35%-151%)		

QC Summary

Workorder: 767718

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis										
Batch 2962940										
QC1206410022 767984004 DUP										
Hexavalent Chromium		0.502		0.502	mg/kg	0.0205 ^		(+/-0.310)	BR2	03/25/26 12:42
QC1206410024 ILCS										
Hexavalent Chromium	6.99			6.93	mg/kg		99.1	(80%-120%)		03/25/26 12:42
QC1206410019 LCS										
Hexavalent Chromium	3.44			3.32	mg/kg		96.5	(80%-120%)		03/25/26 12:42
QC1206410018 MB										
Hexavalent Chromium			U	ND	mg/kg					03/25/26 12:42
QC1206410023 767984004 MS										
Hexavalent Chromium	3.10	0.502		3.31	mg/kg		90.5	(75%-125%)		03/25/26 12:42
Volatile-GC/MS										
Batch 2965810										
QC1206415268 LCS										
1,1,1-Trichloroethane	50.0			45.7	ug/kg		91	(72%-126%)	JEB	03/23/26 08:15
1,1,2,2-Tetrachloroethane	50.0			47.4	ug/kg		95	(69%-120%)		
1,1,2-Trichloroethane	50.0			44.5	ug/kg		89	(74%-120%)		
1,1-Dichloroethane	50.0			41.0	ug/kg		82	(72%-126%)		
1,1-Dichloroethylene	50.0			42.0	ug/kg		84	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			47.6	ug/kg		95	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			47.8	ug/kg		96	(68%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2-Dibromo-3-chloropropane	50.0			49.4	ug/kg		99	(60%-135%)	JEB	03/23/26 08:15
1,2-Dibromoethane	50.0			48.8	ug/kg		98	(79%-120%)		
1,2-Dichlorobenzene	50.0			44.4	ug/kg		89	(73%-120%)		
1,2-Dichloroethane	50.0			39.6	ug/kg		79	(66%-123%)		
1,2-Dichloropropane	50.0			42.9	ug/kg		86	(72%-120%)		
1,3-Dichlorobenzene	50.0			44.0	ug/kg		88	(72%-120%)		
1,4-Dichlorobenzene	50.0			44.1	ug/kg		88	(72%-120%)		
2-Butanone	250			220	ug/kg		88	(66%-125%)		
2-Hexanone	250			223	ug/kg		89	(64%-131%)		
4-Methyl-2-pentanone	250			223	ug/kg		89	(70%-126%)		
Acetone	250			177	ug/kg		71	(60%-124%)		
Benzene	50.0			43.3	ug/kg		87	(73%-120%)		
Bromochloromethane	50.0			48.3	ug/kg		97	(73%-123%)		
Bromodichloromethane	50.0			50.2	ug/kg		100	(74%-124%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Bromoform	50.0			52.3	ug/kg		105	(64%-126%)	JEB	03/23/26 08:15
Bromomethane	50.0			43.7	ug/kg		87	(67%-138%)		
Carbon disulfide	250			210	ug/kg		84	(69%-136%)		
Carbon tetrachloride	50.0			48.3	ug/kg		97	(72%-132%)		
Chlorobenzene	50.0			43.5	ug/kg		87	(74%-120%)		
Chloroethane	50.0			47.2	ug/kg		94	(69%-133%)		
Chloroform	50.0			42.4	ug/kg		85	(72%-122%)		
Chloromethane	50.0			65.1	ug/kg		130	(53%-142%)		
Cyclohexane	50.0			44.5	ug/kg		89	(63%-130%)		
Dibromochloromethane	50.0			46.9	ug/kg		94	(73%-125%)		
Dichlorodifluoromethane	50.0			55.9	ug/kg		112	(57%-150%)		
Ethylbenzene	50.0			41.9	ug/kg		84	(72%-120%)		
Isopropylbenzene	50.0			45.2	ug/kg		90	(74%-129%)		
Methyl acetate	250			213	ug/kg		85	(66%-131%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Methylcyclohexane	50.0			45.6	ug/kg		91	(71%-127%)	JEB	03/23/26 08:15
Methylene chloride	50.0			39.4	ug/kg		79	(71%-124%)		
Styrene	50.0			45.9	ug/kg		92	(70%-123%)		
Tetrachloroethylene	50.0			46.6	ug/kg		93	(68%-126%)		
Toluene	50.0			42.1	ug/kg		84	(73%-120%)		
Trichloroethylene	50.0			43.8	ug/kg		88	(74%-122%)		
Trichlorofluoromethane	50.0			47.1	ug/kg		94	(66%-137%)		
Vinyl chloride	50.0			78.1	ug/kg		156*	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			39.8	ug/kg		80	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			49.7	ug/kg		99	(74%-123%)		
m,p-Xylenes	100			86.7	ug/kg		87	(72%-121%)		
o-Xylene	50.0			41.4	ug/kg		83	(73%-120%)		
tert-Butyl methyl ether	50.0			44.8	ug/kg		90	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			40.0	ug/kg		80	(72%-126%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
trans-1,3-Dichloropropylene	50.0			43.4	ug/kg		87	(74%-125%)	JEB	03/23/26 08:15
**1,2-Dichloroethane-d4	50.0			43.6	ug/L		87	(75%-131%)		
**Bromofluorobenzene	50.0			43.4	ug/L		87	(67%-136%)		
**Toluene-d8	50.0			43.5	ug/L		87	(79%-122%)		
QC1206415269 LCS										
Trichlorotrifluoroethane	250			242	ug/kg		97	(59%-136%)		03/23/26 08:40
**1,2-Dichloroethane-d4	50.0			42.4	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0			42.8	ug/L		86	(67%-136%)		
**Toluene-d8	50.0			44.2	ug/L		88	(79%-122%)		
QC1206416103 LCS										
1,1,1-Trichloroethane	50.0			45.8	ug/kg		92	(72%-126%)		03/23/26 21:16
1,1,2,2-Tetrachloroethane	50.0			52.7	ug/kg		105	(69%-120%)		
1,1,2-Trichloroethane	50.0			50.8	ug/kg		102	(74%-120%)		
1,1-Dichloroethane	50.0			43.3	ug/kg		87	(72%-126%)		
1,1-Dichloroethylene	50.0			42.5	ug/kg		85	(71%-136%)		
1,2,3-Trichlorobenzene	50.0			46.9	ug/kg		94	(67%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2,4-Trichlorobenzene	50.0			45.3	ug/kg		91	(68%-130%)	JEB	03/23/26 21:16
1,2-Dibromo-3-chloropropane	50.0			54.0	ug/kg		108	(60%-135%)		
1,2-Dibromoethane	50.0			55.5	ug/kg		111	(79%-120%)		
1,2-Dichlorobenzene	50.0			46.9	ug/kg		94	(73%-120%)		
1,2-Dichloroethane	50.0			43.5	ug/kg		87	(66%-123%)		
1,2-Dichloropropane	50.0			47.2	ug/kg		94	(72%-120%)		
1,3-Dichlorobenzene	50.0			46.1	ug/kg		92	(72%-120%)		
1,4-Dichlorobenzene	50.0			46.1	ug/kg		92	(72%-120%)		
2-Butanone	250			273	ug/kg		109	(66%-125%)		
2-Hexanone	250			266	ug/kg		106	(64%-131%)		
4-Methyl-2-pentanone	250			264	ug/kg		106	(70%-126%)		
Acetone	250			234	ug/kg		93	(60%-124%)		
Benzene	50.0			46.2	ug/kg		92	(73%-120%)		
Bromochloromethane	50.0			52.4	ug/kg		105	(73%-123%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Bromodichloromethane	50.0			53.0	ug/kg		106	(74%-124%)	JEB	03/23/26 21:16
Bromoform	50.0			56.1	ug/kg		112	(64%-126%)		
Bromomethane	50.0			40.2	ug/kg		80	(67%-138%)		
Carbon disulfide	250			218	ug/kg		87	(69%-136%)		
Carbon tetrachloride	50.0			48.2	ug/kg		96	(72%-132%)		
Chlorobenzene	50.0			47.0	ug/kg		94	(74%-120%)		
Chloroethane	50.0			42.0	ug/kg		84	(69%-133%)		
Chloroform	50.0			44.5	ug/kg		89	(72%-122%)		
Chloromethane	50.0			62.1	ug/kg		124	(53%-142%)		
Cyclohexane	50.0			45.0	ug/kg		90	(63%-130%)		
Dibromochloromethane	50.0			50.0	ug/kg		100	(73%-125%)		
Dichlorodifluoromethane	50.0			34.6	ug/kg		69	(57%-150%)		
Ethylbenzene	50.0			43.8	ug/kg		88	(72%-120%)		
Isopropylbenzene	50.0			45.0	ug/kg		90	(74%-129%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Methyl acetate	250			253	ug/kg		101	(66%-131%)	JEB	03/23/26 21:16
Methylcyclohexane	50.0			46.2	ug/kg		92	(71%-127%)		
Methylene chloride	50.0			45.2	ug/kg		90	(71%-124%)		
Styrene	50.0			49.8	ug/kg		100	(70%-123%)		
Tetrachloroethylene	50.0			47.7	ug/kg		95	(68%-126%)		
Toluene	50.0			44.6	ug/kg		89	(73%-120%)		
Trichloroethylene	50.0			45.4	ug/kg		91	(74%-122%)		
Trichlorofluoromethane	50.0			39.9	ug/kg		80	(66%-137%)		
Vinyl chloride	50.0			68.3	ug/kg		137	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			42.0	ug/kg		84	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			54.2	ug/kg		108	(74%-123%)		
m,p-Xylenes	100			91.8	ug/kg		92	(72%-121%)		
o-Xylene	50.0			43.4	ug/kg		87	(73%-120%)		
tert-Butyl methyl ether	50.0			50.2	ug/kg		100	(63%-128%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
trans-1,2-Dichloroethylene	50.0			41.2	ug/kg		82	(72%-126%)	JEB	03/23/26 21:16
trans-1,3-Dichloropropylene	50.0			48.4	ug/kg		97	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(75%-131%)		
**Bromofluorobenzene	50.0			43.3	ug/L		87	(67%-136%)		
**Toluene-d8	50.0			44.0	ug/L		88	(79%-122%)		
QC1206416104 LCS										
Trichlorotrifluoroethane	250			188	ug/kg		75	(59%-136%)		03/23/26 21:42
**1,2-Dichloroethane-d4	50.0			42.9	ug/L		86	(75%-131%)		
**Bromofluorobenzene	50.0			42.3	ug/L		85	(67%-136%)		
**Toluene-d8	50.0			43.8	ug/L		88	(79%-122%)		
QC1206415270 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					03/23/26 09:31
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2,3-Trichlorobenzene			U	ND	ug/kg				JEB	03/23/26 09:31
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Bromochloromethane			U	ND	ug/kg				JEB	03/23/26 09:31
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Isopropylbenzene			U	ND	ug/kg				JEB	03/23/26 09:31
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
o-Xylene			U	ND	ug/kg				JEB	03/23/26 09:31
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			42.3	ug/L		85	(75%-131%)		
**Bromofluorobenzene	50.0			39.6	ug/L		79	(67%-136%)		
**Toluene-d8	50.0			43.4	ug/L		87	(79%-122%)		
QC1206416105 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					03/23/26 22:32
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
1,2-Dibromo-3-chloropropane			U	ND	ug/kg				JEB	03/23/26 22:32
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Bromoform			U	ND	ug/kg				JEB	03/23/26 22:32
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2965810										
Methylcyclohexane			U	ND	ug/kg				JEB	03/23/26 22:32
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					
Trichlorofluoromethane			U	ND	ug/kg					
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
trans-1,2-Dichloroethylene				U	ND	ug/kg				JEB	03/23/26 22:32
trans-1,3-Dichloropropylene				U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0				40.5	ug/L		81	(75%-131%)		
**Bromofluorobenzene	50.0				40.2	ug/L		80	(67%-136%)		
**Toluene-d8	50.0				46.5	ug/L		93	(79%-122%)		
QC1206415271 767858001 MS											
1,1,1-Trichloroethane	24800	U	ND		22200	ug/kg		90	(41%-133%)		03/23/26 18:46
1,1,2,2-Tetrachloroethane	24800	U	ND		21400	ug/kg		86	(37%-136%)		
1,1,2-Trichloroethane	24800	U	ND		22700	ug/kg		92	(44%-128%)		
1,1-Dichloroethane	24800	U	ND		20500	ug/kg		83	(44%-135%)		
1,1-Dichloroethylene	24800	U	ND		22700	ug/kg		92	(40%-147%)		
1,2,3-Trichlorobenzene	24800	U	ND		21700	ug/kg		88	(30%-133%)		
1,2,4-Trichlorobenzene	24800	U	ND		20700	ug/kg		83	(29%-139%)		
1,2-Dibromo-3-chloropropane	24800	U	ND		23200	ug/kg		94	(30%-142%)		
1,2-Dibromoethane	24800	U	ND		25300	ug/kg		102	(45%-133%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
1,2-Dichlorobenzene	24800	U	ND		19900	ug/kg		80	(24%-133%)	JEB	03/23/26 18:46
1,2-Dichloroethane	24800	U	ND		19500	ug/kg		79	(43%-129%)		
1,2-Dichloropropane	24800	U	ND		20700	ug/kg		84	(44%-128%)		
1,3-Dichlorobenzene	24800	U	ND		21500	ug/kg		87	(24%-132%)		
1,4-Dichlorobenzene	24800	U	ND		20700	ug/kg		83	(24%-132%)		
2-Butanone	124000	U	ND		115000	ug/kg		93	(43%-134%)		
2-Hexanone	124000	U	ND		114000	ug/kg		92	(34%-142%)		
4-Methyl-2-pentanone	124000	U	ND		117000	ug/kg		95	(44%-137%)		
Acetone	124000	U	ND		100000	ug/kg		81	(37%-134%)		
Benzene	24800	U	ND		21100	ug/kg		85	(43%-127%)		
Bromochloromethane	24800	U	ND		23300	ug/kg		94	(45%-132%)		
Bromodichloromethane	24800	U	ND		23600	ug/kg		95	(44%-130%)		
Bromoform	24800	U	ND		22300	ug/kg		90	(34%-131%)		
Bromomethane	24800	U	ND		20300	ug/kg		82	(15%-150%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Carbon disulfide	124000	U	ND		111000	ug/kg		89	(39%-145%)	JEB	03/23/26 18:46
Carbon tetrachloride	24800	U	ND		23500	ug/kg		95	(40%-137%)		
Chlorobenzene	24800	U	ND		21800	ug/kg		88	(35%-128%)		
Chloroethane	24800	U	ND		21100	ug/kg		85	(35%-142%)		
Chloroform	24800	U	ND		20800	ug/kg		84	(44%-129%)		
Chloromethane	24800	U	ND		30600	ug/kg		124	(32%-150%)		
Cyclohexane	24800	U	ND		21500	ug/kg		87	(30%-136%)		
Dibromochloromethane	24800	U	ND		22400	ug/kg		90	(42%-130%)		
Dichlorodifluoromethane	24800	U	ND		20500	ug/kg		83	(31%-159%)		
Ethylbenzene	24800	U	ND		21100	ug/kg		85	(33%-131%)		
Isopropylbenzene	24800	U	ND		21600	ug/kg		87	(27%-147%)		
Methyl acetate	124000	U	ND		119000	ug/kg		96	(42%-154%)		
Methylcyclohexane	24800	U	ND		22900	ug/kg		92	(27%-137%)		
Methylene chloride	24800	U	ND		20300	ug/kg		82	(43%-136%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2965810												
Styrene	24800	U	ND		22500	ug/kg		91	(29%-133%)	JEB	03/23/26	18:46
Tetrachloroethylene	24800	U	ND		23800	ug/kg		96	(31%-134%)			
Toluene	24800	U	ND		21500	ug/kg		87	(35%-132%)			
Trichloroethylene	24800	U	ND		22300	ug/kg		90	(39%-133%)			
Trichlorofluoromethane	24800	U	ND		20200	ug/kg		82	(39%-140%)			
Vinyl chloride	24800	U	ND		34300	ug/kg		138	(32%-146%)			
cis-1,2-Dichloroethylene	24800	U	ND		19600	ug/kg		79	(43%-131%)			
cis-1,3-Dichloropropylene	24800	U	ND		23300	ug/kg		94	(38%-131%)			
m,p-Xylenes	49500	U	ND		43300	ug/kg		88	(32%-131%)			
o-Xylene	24800	U	ND		20900	ug/kg		84	(33%-131%)			
tert-Butyl methyl ether	24800	U	ND		20500	ug/kg		83	(46%-128%)			
trans-1,2-Dichloroethylene	24800	U	ND		20800	ug/kg		84	(41%-135%)			
trans-1,3-Dichloropropylene	24800	U	ND		20400	ug/kg		82	(37%-135%)			
**1,2-Dichloroethane-d4	50.0		40.4		42.5	ug/L		85	(75%-131%)			

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
**Bromofluorobenzene	50.0		41.2		39.3	ug/L		79	(67%-136%)	JEB	03/23/26 18:46
**Toluene-d8	50.0		46.8		45.7	ug/L		91	(79%-122%)		
QC1206415273 767858001 MS											
Trichlorotrifluoroethane	124000	U	ND		119000	ug/kg		97	(35%-133%)		03/23/26 19:36
**1,2-Dichloroethane-d4	50.0		40.4		41.1	ug/L		82	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		43.2	ug/L		86	(67%-136%)		
**Toluene-d8	50.0		46.8		45.7	ug/L		91	(79%-122%)		
QC1206415272 767858001 MSD											
1,1,1-Trichloroethane	24800	U	ND		23700	ug/kg	6	96	(0%-20%)		03/23/26 19:11
1,1,2,2-Tetrachloroethane	24800	U	ND		24800	ug/kg	15	100	(0%-20%)		
1,1,2-Trichloroethane	24800	U	ND		24200	ug/kg	6	98	(0%-20%)		
1,1-Dichloroethane	24800	U	ND		21700	ug/kg	6	88	(0%-20%)		
1,1-Dichloroethylene	24800	U	ND		24100	ug/kg	6	97	(0%-20%)		
1,2,3-Trichlorobenzene	24800	U	ND		24800	ug/kg	13	100	(0%-20%)		
1,2,4-Trichlorobenzene	24800	U	ND		23700	ug/kg	14	96	(0%-20%)		
1,2-Dibromo-3-chloropropane	24800	U	ND		26400	ug/kg	13	106	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
1,2-Dibromoethane	24800	U	ND		26700	ug/kg	6	108	(0%-20%)	JEB	03/23/26 19:11
1,2-Dichlorobenzene	24800	U	ND		23400	ug/kg	16	95	(0%-20%)		
1,2-Dichloroethane	24800	U	ND		20600	ug/kg	6	83	(0%-20%)		
1,2-Dichloropropane	24800	U	ND		22100	ug/kg	7	89	(0%-20%)		
1,3-Dichlorobenzene	24800	U	ND		23000	ug/kg	7	93	(0%-20%)		
1,4-Dichlorobenzene	24800	U	ND		22800	ug/kg	10	92	(0%-20%)		
2-Butanone	124000	U	ND		115000	ug/kg	0	93	(0%-20%)		
2-Hexanone	124000	U	ND		118000	ug/kg	4	95	(0%-20%)		
4-Methyl-2-pentanone	124000	U	ND		123000	ug/kg	5	100	(0%-20%)		
Acetone	124000	U	ND		91400	ug/kg	9	74	(0%-20%)		
Benzene	24800	U	ND		22600	ug/kg	7	91	(0%-20%)		
Bromochloromethane	24800	U	ND		24500	ug/kg	5	99	(0%-20%)		
Bromodichloromethane	24800	U	ND		25000	ug/kg	6	101	(0%-20%)		
Bromoform	24800	U	ND		26700	ug/kg	18	108	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Bromomethane	24800	U	ND		21800	ug/kg	7	88	(0%-20%)	JEB	03/23/26 19:11
Carbon disulfide	124000	U	ND		118000	ug/kg	7	96	(0%-20%)		
Carbon tetrachloride	24800	U	ND		25100	ug/kg	6	101	(0%-20%)		
Chlorobenzene	24800	U	ND		23400	ug/kg	7	95	(0%-20%)		
Chloroethane	24800	U	ND		23500	ug/kg	11	95	(0%-20%)		
Chloroform	24800	U	ND		21900	ug/kg	5	89	(0%-20%)		
Chloromethane	24800	U	ND		34000	ug/kg	11	138	(0%-20%)		
Cyclohexane	24800	U	ND		22900	ug/kg	6	92	(0%-20%)		
Dibromochloromethane	24800	U	ND		23800	ug/kg	6	96	(0%-20%)		
Dichlorodifluoromethane	24800	U	ND		22500	ug/kg	9	91	(0%-20%)		
Ethylbenzene	24800	U	ND		22700	ug/kg	7	92	(0%-20%)		
Isopropylbenzene	24800	U	ND		25400	ug/kg	16	103	(0%-20%)		
Methyl acetate	124000	U	ND		124000	ug/kg	4	101	(0%-20%)		
Methylcyclohexane	24800	U	ND		24200	ug/kg	6	98	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
Methylene chloride	24800	U	ND		21600	ug/kg	6	87	(0%-20%)	JEB	03/23/26 19:11
Styrene	24800	U	ND		23900	ug/kg	6	97	(0%-20%)		
Tetrachloroethylene	24800	U	ND		25300	ug/kg	6	102	(0%-20%)		
Toluene	24800	U	ND		22900	ug/kg	6	93	(0%-20%)		
Trichloroethylene	24800	U	ND		23900	ug/kg	7	97	(0%-20%)		
Trichlorofluoromethane	24800	U	ND		22500	ug/kg	11	91	(0%-20%)		
Vinyl chloride	24800	U	ND		38400	ug/kg	11	155*	(0%-20%)		
cis-1,2-Dichloroethylene	24800	U	ND		21000	ug/kg	7	85	(0%-20%)		
cis-1,3-Dichloropropylene	24800	U	ND		25000	ug/kg	7	101	(0%-20%)		
m,p-Xylenes	49500	U	ND		46800	ug/kg	8	94	(0%-20%)		
o-Xylene	24800	U	ND		22100	ug/kg	6	89	(0%-20%)		
tert-Butyl methyl ether	24800	U	ND		22400	ug/kg	9	90	(0%-20%)		
trans-1,2-Dichloroethylene	24800	U	ND		21800	ug/kg	5	88	(0%-20%)		
trans-1,3-Dichloropropylene	24800	U	ND		22300	ug/kg	9	90	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2965810											
**1,2-Dichloroethane-d4	50.0		40.4		42.5	ug/L		85	(75%-131%)	JEB	03/23/26 19:11
**Bromofluorobenzene	50.0		41.2		44.9	ug/L		90	(67%-136%)		
**Toluene-d8	50.0		46.8		46.0	ug/L		92	(79%-122%)		
QC1206415274 767858001 MSD											
Trichlorotrifluoroethane	124000	U	ND		120000	ug/kg	1	97	(0%-20%)		03/23/26 20:01
**1,2-Dichloroethane-d4	50.0		40.4		44.1	ug/L		88	(75%-131%)		
**Bromofluorobenzene	50.0		41.2		43.1	ug/L		86	(67%-136%)		
**Toluene-d8	50.0		46.8		50.0	ug/L		100	(79%-122%)		
Batch 2966451											
QC1206416506 LCS											
1,1,1-Trichloroethane	50.0				49.8	ug/L		100	(70%-130%)	PW3	03/24/26 08:58
1,1,2,2-Tetrachloroethane	50.0				40.3	ug/L		81	(70%-130%)		
1,1,2-Trichloroethane	50.0				41.0	ug/L		82	(70%-130%)		
1,1-Dichloroethane	50.0				43.1	ug/L		86	(70%-130%)		
1,1-Dichloroethylene	50.0				52.3	ug/L		105	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				45.3	ug/L		91	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
1,2,4-Trichlorobenzene	50.0			47.2	ug/L		94	(70%-130%)	PW3	03/24/26 08:58
1,2-Dibromo-3-chloropropane	50.0			44.5	ug/L		89	(70%-130%)		
1,2-Dibromoethane	50.0			43.7	ug/L		87	(70%-130%)		
1,2-Dichlorobenzene	50.0			43.3	ug/L		87	(70%-130%)		
1,2-Dichloroethane	50.0			44.0	ug/L		88	(70%-130%)		
1,2-Dichloropropane	50.0			39.6	ug/L		79	(70%-130%)		
1,3-Dichlorobenzene	50.0			43.3	ug/L		87	(70%-130%)		
1,4-Dichlorobenzene	50.0			43.2	ug/L		86	(70%-130%)		
2-Butanone	250			198	ug/L		79	(70%-130%)		
2-Hexanone	250			188	ug/L		75	(70%-130%)		
4-Methyl-2-pentanone	250			205	ug/L		82	(70%-130%)		
Acetone	250			197	ug/L		79	(70%-130%)		
Benzene	50.0			41.0	ug/L		82	(70%-130%)		
Bromochloromethane	50.0			42.7	ug/L		85	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
Bromodichloromethane	50.0			45.2	ug/L		90	(70%-130%)	PW3	03/24/26 08:58
Bromoform	50.0			45.3	ug/L		91	(70%-130%)		
Bromomethane	50.0			67.0	ug/L		134*	(70%-130%)		
Carbon disulfide	250			239	ug/L		95	(70%-130%)		
Carbon tetrachloride	50.0			51.0	ug/L		102	(70%-130%)		
Chlorobenzene	50.0			41.7	ug/L		83	(70%-130%)		
Chloroethane	50.0			58.9	ug/L		118	(70%-130%)		
Chloroform	50.0			45.2	ug/L		90	(70%-130%)		
Chloromethane	50.0			62.0	ug/L		124	(70%-130%)		
Cyclohexane	50.0			41.7	ug/L		83	(70%-130%)		
Dibromochloromethane	50.0			46.0	ug/L		92	(70%-130%)		
Dichlorodifluoromethane	50.0			69.8	ug/L		140*	(70%-130%)		
Ethylbenzene	50.0			43.1	ug/L		86	(70%-130%)		
Isopropylbenzene	50.0			45.8	ug/L		92	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
Methyl acetate	250			204	ug/L		82	(70%-130%)	PW3	03/24/26 08:58
Methylcyclohexane	50.0			43.6	ug/L		87	(70%-130%)		
Methylene chloride	50.0			42.7	ug/L		85	(70%-130%)		
Styrene	50.0			41.1	ug/L		82	(70%-130%)		
Tetrachloroethylene	50.0			44.7	ug/L		89	(70%-130%)		
Toluene	50.0			41.4	ug/L		83	(70%-130%)		
Trichloroethylene	50.0			45.1	ug/L		90	(70%-130%)		
Trichlorofluoromethane	50.0			65.0	ug/L		130	(70%-130%)		
Vinyl chloride	50.0			47.2	ug/L		94	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			43.3	ug/L		87	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			43.1	ug/L		86	(70%-130%)		
m,p-Xylenes	100			85.4	ug/L		85	(70%-130%)		
o-Xylene	50.0			42.3	ug/L		85	(70%-130%)		
tert-Butyl methyl ether	50.0			42.0	ug/L		84	(70%-130%)		

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
trans-1,2-Dichloroethylene	50.0			46.6	ug/L		93	(70%-130%)	PW3	03/24/26 08:58
trans-1,3-Dichloropropylene	50.0			42.9	ug/L		86	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			51.9	ug/L		104	(71%-131%)		
**Bromofluorobenzene	50.0			49.5	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			50.3	ug/L		101	(77%-121%)		
QC1206416507 LCS										
Trichlorotrifluoroethane	250			245	ug/L		98	(70%-130%)		03/24/26 09:48
**1,2-Dichloroethane-d4	50.0			52.0	ug/L		104	(71%-131%)		
**Bromofluorobenzene	50.0			49.2	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			49.9	ug/L		100	(77%-121%)		
QC1206416508 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/24/26 11:04
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2966451											
1,2,3-Trichlorobenzene			U	ND	ug/L				PW3	03/24/26	11:04
1,2,4-Trichlorobenzene			U	ND	ug/L						
1,2-Dibromo-3-chloropropane			U	ND	ug/L						
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
Bromochloromethane			U	ND	ug/L				PW3	03/24/26 11:04
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
Isopropylbenzene			U	ND	ug/L				PW3	03/24/26 11:04
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2966451										
o-Xylene			U	ND	ug/L				PW3	03/24/26 11:04
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			53.2	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0			48.4	ug/L		97	(77%-123%)		
**Toluene-d8	50.0			49.7	ug/L		99	(77%-121%)		
QC1206416509 768790001 MS										
1,1,1-Trichloroethane	50.0	U	ND	61.2	ug/L		122	(60%-123%)		03/24/26 16:37
1,1,2,2-Tetrachloroethane	50.0	U	ND	48.1	ug/L		96	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND	50.9	ug/L		102	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND	55.6	ug/L		111	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND	61.8	ug/L		124	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND	51.0	ug/L		102	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND	50.5	ug/L		101	(51%-129%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2966451												
1,2-Dibromo-3-chloropropane	50.0	U	ND		53.2	ug/L		106	(49%-133%)	PW3	03/24/26	16:37
1,2-Dibromoethane	50.0	U	ND		54.9	ug/L		110	(66%-125%)			
1,2-Dichlorobenzene	50.0	U	ND		50.3	ug/L		101	(58%-123%)			
1,2-Dichloroethane	50.0	U	ND		60.9	ug/L		122	(58%-130%)			
1,2-Dichloropropane	50.0	U	ND		50.9	ug/L		102	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		50.5	ug/L		101	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		50.5	ug/L		101	(54%-123%)			
2-Butanone	250	U	ND		261	ug/L		104	(59%-136%)			
2-Hexanone	250	U	ND		239	ug/L		96	(58%-145%)			
4-Methyl-2-pentanone	250	U	ND		248	ug/L		99	(63%-135%)			
Acetone	250	U	ND		266	ug/L		106	(50%-140%)			
Benzene	50.0	U	ND		51.0	ug/L		102	(64%-119%)			
Bromochloromethane	50.0	U	ND		54.7	ug/L		109	(63%-130%)			
Bromodichloromethane	50.0	U	ND		59.1	ug/L		118	(65%-125%)			

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
Bromoform	50.0	U	ND		56.3	ug/L		113	(49%-129%)	PW3	03/24/26 16:37
Bromomethane	50.0	U	ND		67.3	ug/L		135	(55%-154%)		
Carbon disulfide	250	U	ND		267	ug/L		107	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		63.3	ug/L		127	(60%-127%)		
Chlorobenzene	50.0	U	ND		50.1	ug/L		100	(61%-120%)		
Chloroethane	50.0	U	ND		52.4	ug/L		105	(60%-138%)		
Chloroform	50.0	U	ND		58.6	ug/L		117	(64%-122%)		
Chloromethane	50.0	U	ND		26.4	ug/L		53	(43%-161%)		
Cyclohexane	50.0	U	ND		49.2	ug/L		98	(51%-125%)		
Dibromochloromethane	50.0	U	ND		57.3	ug/L		115	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		66.6	ug/L		133	(37%-162%)		
Ethylbenzene	50.0	U	ND		51.9	ug/L		104	(57%-122%)		
Isopropylbenzene	50.0	U	ND		54.4	ug/L		109	(53%-128%)		
Methyl acetate	250	U	ND		280	ug/L		112	(58%-145%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
Methylcyclohexane	50.0	U	ND		50.9	ug/L		102	(58%-122%)	PW3	03/24/26 16:37
Methylene chloride	50.0	U	ND		52.9	ug/L		106	(61%-135%)		
Styrene	50.0	U	ND		50.0	ug/L		100	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		53.4	ug/L		107	(53%-124%)		
Toluene	50.0	U	ND		50.2	ug/L		100	(60%-120%)		
Trichloroethylene	50.0	U	ND		57.6	ug/L		115	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		57.2	ug/L		114	(51%-134%)		
Vinyl chloride	50.0	U	ND		47.4	ug/L		95	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		55.5	ug/L		111	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		55.0	ug/L		110	(61%-123%)		
m,p-Xylenes	100	U	ND		102	ug/L		102	(58%-122%)		
o-Xylene	50.0	U	ND		50.1	ug/L		100	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		51.7	ug/L		103	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		59.2	ug/L		118	(64%-127%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
trans-1,3-Dichloropropylene	50.0	U	ND		53.9	ug/L		108	(62%-127%)	PW3	03/24/26 16:37
**1,2-Dichloroethane-d4	50.0		55.9		56.4	ug/L		113	(71%-131%)		
**Bromofluorobenzene	50.0		49.1		50.8	ug/L		102	(77%-123%)		
**Toluene-d8	50.0		50.3		49.8	ug/L		100	(77%-121%)		
QC1206416511 768790004 MS											
Trichlorotrifluoroethane	250	U	ND		220	ug/L		88	(47%-141%)		03/24/26 17:27
**1,2-Dichloroethane-d4	50.0		54.6		54.1	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0		48.0		50.0	ug/L		100	(77%-123%)		
**Toluene-d8	50.0		49.1		50.0	ug/L		100	(77%-121%)		
QC1206416510 768790001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		59.7	ug/L	2	119	(0%-20%)		03/24/26 17:02
1,1,2,2-Tetrachloroethane	50.0	U	ND		47.7	ug/L	1	95	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		49.5	ug/L	3	99	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		53.4	ug/L	4	107	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		68.2	ug/L	10	136	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		54.5	ug/L	7	109	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
1,2,4-Trichlorobenzene	50.0	U	ND		52.5	ug/L	4	105	(0%-20%)	PW3	03/24/26 17:02
1,2-Dibromo-3-chloropropane	50.0	U	ND		56.3	ug/L	6	113	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		53.9	ug/L	2	108	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		50.3	ug/L	0	101	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		58.1	ug/L	5	116	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		48.7	ug/L	4	97	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		49.4	ug/L	2	99	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		49.1	ug/L	3	98	(0%-20%)		
2-Butanone	250	U	ND		256	ug/L	2	102	(0%-20%)		
2-Hexanone	250	U	ND		233	ug/L	2	93	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		248	ug/L	0	99	(0%-20%)		
Acetone	250	U	ND		272	ug/L	2	109	(0%-20%)		
Benzene	50.0	U	ND		49.1	ug/L	4	98	(0%-20%)		
Bromochloromethane	50.0	U	ND		53.2	ug/L	3	106	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS												
Batch 2966451												
Bromodichloromethane	50.0	U	ND		56.1	ug/L	5		112	(0%-20%)	PW3	03/24/26 17:02
Bromoform	50.0	U	ND		55.2	ug/L	2		110	(0%-20%)		
Bromomethane	50.0	U	ND		69.6	ug/L	3		139	(0%-20%)		
Carbon disulfide	250	U	ND		304	ug/L	13		122	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		61.2	ug/L	3		122	(0%-20%)		
Chlorobenzene	50.0	U	ND		48.8	ug/L	3		98	(0%-20%)		
Chloroethane	50.0	U	ND		63.6	ug/L	19		127	(0%-20%)		
Chloroform	50.0	U	ND		55.9	ug/L	5		112	(0%-20%)		
Chloromethane	50.0	U	ND		69.9	ug/L	90	*	140	(0%-20%)		
Cyclohexane	50.0	U	ND		48.9	ug/L	1		98	(0%-20%)		
Dibromochloromethane	50.0	U	ND		56.1	ug/L	2		112	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		68.7	ug/L	3		137	(0%-20%)		
Ethylbenzene	50.0	U	ND		50.2	ug/L	3		100	(0%-20%)		
Isopropylbenzene	50.0	U	ND		52.5	ug/L	4		105	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
Methyl acetate	250	U	ND		279	ug/L	1	112	(0%-20%)	PW3	03/24/26 17:02
Methylcyclohexane	50.0	U	ND		49.1	ug/L	4	98	(0%-20%)		
Methylene chloride	50.0	U	ND		56.6	ug/L	7	113	(0%-20%)		
Styrene	50.0	U	ND		48.2	ug/L	4	96	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		51.4	ug/L	4	103	(0%-20%)		
Toluene	50.0	U	ND		48.9	ug/L	3	98	(0%-20%)		
Trichloroethylene	50.0	U	ND		54.6	ug/L	5	109	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		68.8	ug/L	18	138*	(0%-20%)		
Vinyl chloride	50.0	U	ND		46.5	ug/L	2	93	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		53.1	ug/L	4	106	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		52.2	ug/L	5	104	(0%-20%)		
m,p-Xylenes	100	U	ND		98.9	ug/L	3	99	(0%-20%)		
o-Xylene	50.0	U	ND		49.1	ug/L	2	98	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		54.7	ug/L	6	109	(0%-20%)		

QC Summary

Workorder: **767718**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2966451											
trans-1,2-Dichloroethylene	50.0	U	ND		56.8	ug/L	4	114	(0%-20%)	PW3	03/24/26 17:02
trans-1,3-Dichloropropylene	50.0	U	ND		52.2	ug/L	3	104	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		55.9		55.4	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0		49.1		50.5	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.3		49.9	ug/L		100	(77%-121%)		
QC1206416512 768790004 MSD											
Trichlorotrifluoroethane	250	U	ND		231	ug/L	5	92	(0%-20%)		03/24/26 17:52
**1,2-Dichloroethane-d4	50.0		54.6		53.5	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0		48.0		49.2	ug/L		98	(77%-123%)		
**Toluene-d8	50.0		49.1		49.8	ug/L		100	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

- U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J J Value is estimated
- H H Analytical holding time was exceeded
- h h Preparation or preservation holding time was exceeded
- E E Concentration of the target analyte exceeds the instrument calibration range
- Q Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

QC Summary

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Client : **GEL Engineering, LLC**
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **767718**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
** Indicates analyte is a surrogate/tracer compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 767718
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VEC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	Crb, TAL Metals TCL SVOCs	CN, TCL Pests	TCL PCBs	<-- Preservative Type (6)	Comments
LS-TB-031026	03-10-26	1030	TB	N	DI			3	3					Note: extra sample is required for sample specific QC
LS-SB-04-1.0		1130	G	N	SO			2		1	1			Head space in 2 vials
LS-SB-04-1.0-DP		1132	FD	N	SO			2		1	1			
LS-SD-01		1245	G	N	SD			5	4	1				
LS-SD-01-DP		1247	FD	N	SD			5	4	1				
LS-SB-04-3.0		1430	G	N	SO			6	4	1	1			
LS-SB-34-1.0		1515	G	N	SO			1		1				

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	3-11-26	0815	[signature]	3/11/26	815
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: ___ °C

> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other

1) Chain of Custody Number – Client Determined

2) QC Codes: **N** – Normal Sample, **TB** – Trip Blank, **FD** – Field Duplicate, **EB** – Equipment Blank, **MS** – Matrix Spike Sample, **MSD** – Matrix Spike Duplicate Sample, **G** – Grab, **C** – Composite

3) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B* - **1**)

6) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate. If no preservative is added = leave field blank

7) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic, **Ba** = Barium, **Cd** = Cadmium, **Cr** = Chromium, **Pb** = Lead, **Hg**= Mercury, **Se**= Selenium, **Ag**= Silver, **MR**= Misc. RCRA metals

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	**SDG/AR/COC/Work Order:** 767718	**GEL PM:**
Received By: EG	**Date Received at GEL:** 3/11/26	

Courier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR5-23 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).
	1				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		/	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		/	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		/	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr **Classified as: Rad 1 Rad 2 Rad 3**
D) Are there any sample hazards to document?		/	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		/	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	/			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	/			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	/			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	/			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?		/		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	/			If Yes, are Encores or Soil Kits present? Yes / No___ If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes / No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	/			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	/			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	/			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	/			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	/			
12	COC form is properly signed in relinquished/received sections?	/			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CLR Date 3/12/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 25 March 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 767718

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2965810

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2965809

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
1206415268	Laboratory Control Sample (LCS) **Batch 2965810**
1206415269	Laboratory Control Sample (LCS)
1206415270	Method Blank (MB)
1206415271	767858001(NonSDG) Matrix Spike (MS)
1206415272	767858001(NonSDG) Matrix Spike Duplicate (MSD)
1206415273	767858001(NonSDG) Matrix Spike (MS)
1206415274	767858001(NonSDG) Matrix Spike Duplicate (MSD)
1206416103	Laboratory Control Sample (LCS)
1206416104	Laboratory Control Sample (LCS)
1206416105	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 767718004 (LS-SD-01), 767718005 (LS-SD-01-DP) and 767718006 (LS-SB-04-3.0) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206415268 (LCS)	Vinyl chloride	156* (54%-142%)

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206415272 (Non SDG 767858001MSD)	Vinyl chloride	155* (32%-146%)

Technical Information

Sample Dilutions/Methanol Dilutions
Samples 1206415271 (Non SDG 767858001MS), 1206415272 (Non SDG 767858001MSD), 1206415273 (Non SDG 767858001MS) and 1206415274 (Non SDG 767858001MSD) were analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

Sample Re-extraction/Re-analysis

Sample 767718004 (LS-SD-01) was re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and was reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2966451

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718001	LS-TB-031026
1206416506	Laboratory Control Sample (LCS) **Batch 2966451**
1206416507	Laboratory Control Sample (LCS)
1206416508	Method Blank (MB)
1206416509	768790001(NonSDG) Matrix Spike (MS)
1206416510	768790001(NonSDG) Matrix Spike Duplicate (MSD)
1206416511	768790004(NonSDG) Matrix Spike (MS)
1206416512	768790004(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for

samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206416506 (LCS)	Bromomethane	134* (70%-130%)
	Dichlorodifluoromethane	140* (70%-130%)

Matrix Spike/Matrix Spike Duplicate Recovery Statement
The spike and/or spike duplicate (See Below) recoveries were not all within the acceptance limits. The associated spike and/or spike duplicate passed recoveries near the lower/upper end of the limits.

Sample	Analyte	Value
1206416510 (Non SDG 768790001MSD)	Trichlorofluoromethane	138* (51%-134%)

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206416509MS and 1206416510MSD (Non SDG 768790001)	Chloromethane	RPD 90* (0%-20%)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2960411

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2960410

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0

767718007	LS-SB-34-1.0
1206405353	Method Blank (MB) **Batch 2960411**
1206405354	Laboratory Control Sample (LCS)
1206405355	767718006(LS-SB-04-3.0) Matrix Spike (MS)
1206405356	767718006(LS-SB-04-3.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206405354 (LCS)	1, 4-Dioxane	24* (35%-53%)
	2, 4-Dimethylphenol	27* (32%-74%)
	Benzaldehyde	8* (21%-89%)
	Diethylphthalate	51* (52%-123%)
	Hexachlorocyclopentadiene	16* (26%-82%)
	m-Nitroaniline	30* (41%-108%)

Spike Recovery Statement
The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206405355 (LS-SB-04-3.0MS)	Benzaldehyde	10* (12%-103%)
	Hexachlorocyclopentadiene	0* (16%-60%)
1206405356 (LS-SB-04-3.0MSD)	Hexachlorocyclopentadiene	0* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206405355MS and 1206405356MSD (LS-SB-04-3.0)	2-Methyl-4, 6-dinitrophenol	41* (0%-30%)

Technical Information

Sample Dilutions
Sample 767718004 (LS-SD-01) was diluted because the extract was very dark and/or viscous. The data from the dilution are reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3541/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2960428

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2960427

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718006	LS-SB-04-3.0
1206405382	Method Blank (MB) **Batch 2960428**
1206405383	Laboratory Control Sample (LCS)
1206405384	767718002(LS-SB-04-1.0) Matrix Spike (MS)
1206405385	767718002(LS-SB-04-1.0) Matrix Spike Duplicate (MSD)
1206405386	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3541/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2960517

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2960515

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718006	LS-SB-04-3.0
1206405637	Method Blank (MB) **Batch 2960517**
1206405638	Laboratory Control Sample (LCS)
1206405639	767718002(LS-SB-04-1.0) Matrix Spike (MS)
1206405640	767718002(LS-SB-04-1.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Sample Dilutions

Samples 1206405639 (LS-SB-04-1.0MS), 1206405640 (LS-SB-04-1.0MSD) and 767718002 (LS-SB-04-1.0) were diluted due to high level of non-target analytes within the retention time window of interest.

Miscellaneous Information

Manual integrations
Samples 1206405639 (LS-SB-04-1.0MS), 1206405640 (LS-SB-04-1.0MSD), 767718002 (LS-SB-04-1.0), 767718003 (LS-SB-04-1.0-DP) and 767718006 (LS-SB-04-3.0) required manual integration to correctly position the baseline as set in the calibration standard injections.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2959953

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2959952

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206404417	Method Blank (MB)**ICP Batch 2959953**
1206404418	Laboratory Control Sample (LCS)
1206404422	767718002(LS-SB-04-1.0L) Serial Dilution (SD)
1206404419	767718002(LS-SB-04-1.0S) Matrix Spike (MS)
1206404420	767718002(LS-SB-04-1.0SD) Matrix Spike Duplicate (MSD)
1206404421	767718002(LS-SB-04-1.0PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CRDL/PQL Requirements
The PQL standard recoveries for SW846 6010C or 6010D met the control limits with the exception of arsenic. Client sample concentrations were less than the MDL or greater than two times the PQL; therefore the data were not adversely affected. 767718004 (LS-SD-01).

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206404419 (LS-SB-04-1.0MS)	Calcium	-43.3* (75%-125%)
1206404420 (LS-SB-04-1.0MSD)	Calcium	-84.8* (75%-125%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw iron and manganese values within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 767718004 (LS-SD-01), 767718005 (LS-SD-01-DP) and 767718007 (LS-SB-34-1.0).

Analyte	767718		
	004	005	007
Antimony	5X	5X	5X
Arsenic	5X	5X	5X
Barium	5X	5X	5X
Cadmium	5X	5X	5X
Calcium			5X
Chromium	5X	5X	5X
Cobalt	5X	5X	5X
Copper	5X	5X	5X
Iron	5X	5X	5X
Lead	5X	5X	5X
Magnesium	5X	5X	5X
Manganese	5X	5X	50X
Nickel	5X	5X	5X
Potassium	5X	5X	5X
Selenium	5X	5X	5X
Silver	5X	5X	5X
Thallium	5X	5X	5X
Vanadium	5X	5X	5X
Zinc	5X	5X	5X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2960527

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2960526

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0

767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206405653	Method Blank (MB)**CVAA Batch 2960527**
1206405654	Laboratory Control Sample (LCS)
1206405875	760687007(NonSDGS) Matrix Spike (MS)
1206405876	760687007(NonSDGSD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Holding Time Specifications
GEL assigns holding times based on the associated methodology. Holding time is measured by comparison of the date and time of sample collection to the date and time of sample preparation and analysis. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. Samples (See Below) were initially analyzed within holding; however, the holding times had expired prior to reanalysis of samples.

Sample	Analyte	Value
1206405875 (Non SDG 760687007MS)	Mercury	Received 19-JAN-26, within holding, analyzed 13-MAR-26, out of holding 12-FEB-26
	Mercury	Received 19-JAN-26, within holding, prepped 12-MAR-26, out of holding 12-FEB-26
1206405876 (Non SDG 760687007MSD)	Mercury	Received 19-JAN-26, within holding, analyzed 13-MAR-26, out of holding 12-FEB-26
	Mercury	Received 19-JAN-26, within holding, prepped 12-MAR-26, out of holding 12-FEB-26

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples 1206405875 (Non SDG 760687007MS) and 1206405876 (Non SDG 760687007MSD) in this SDG were diluted 20x due to the tissue/fish matrix. The matrix forms an emulsion that clogs the liquid/air separator membrane causing instrument failure.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2960702

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2960701

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718006	LS-SB-04-3.0
1206405973	Method Blank (MB) **Batch 2960702**
1206405974	Laboratory Control Sample (LCS)
1206405975	767779001(NonSDG) Sample Duplicate (DUP)
1206405976	767779001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following sample 1206405974 (LCS) was diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Sample Re-analysis
Samples 1206405974 (LCS) and All were re-analyzed due to instrument failure. The results from the reanalysis are reported.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2962940

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2962939

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206410018	Method Blank (MB) **Batch 2962940**

1206410019	Laboratory Control Sample (LCS)
1206410022	767984004(LS-SB-42-3.0) Sample Duplicate (DUP)
1206410023	767984004(LS-SB-42-3.0) Matrix Spike (MS)
1206410024	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following samples 767718004 (LS-SD-01) and 767718005 (LS-SD-01-DP) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	767718	
	004	005
Hexavalent Chromium	5X	5X

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2959908

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
767718002	LS-SB-04-1.0
767718003	LS-SB-04-1.0-DP
767718004	LS-SD-01
767718005	LS-SD-01-DP
767718006	LS-SB-04-3.0
767718007	LS-SB-34-1.0
1206404312	767718002(LS-SB-04-1.0) Sample Duplicate (DUP) **Batch 2959908**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 768213

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 12, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the previous revision noted as SDG number 768213 Rev02 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

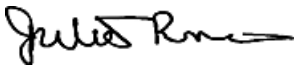
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 768213 GEL Work Order: 768213

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
J Value is estimated
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031226
Sample ID: 768213001
Matrix: Water
Collect Date: 12-MAR-26 11:30
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	0958	2967250	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031226 Project: RVDE00226C
Sample ID: 768213001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.5 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.5 ug/L	50.0	87	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	46.7 ug/L	50.0	93	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04
Sample ID: 768213002
Matrix: Surface Water
Collect Date: 12-MAR-26 11:40
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0850	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1409	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1060	68.0	200	ug/L	1.00	1	EM2	03/19/26	1844	2961123	2
Antimony	J	6.28	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		51.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		26000	50.0	200	ug/L	1.00	1					
Chromium		27.6	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.56	1.00	5.00	ug/L	1.00	1					
Copper		25.0	3.00	20.0	ug/L	1.00	1					
Iron		19300	30.0	100	ug/L	1.00	1					
Lead	J	11.0	3.30	20.0	ug/L	1.00	1					
Magnesium		6610	110	300	ug/L	1.00	1					
Manganese		489	2.00	10.0	ug/L	1.00	1					
Nickel		10.0	1.50	5.00	ug/L	1.00	1					
Potassium		5120	50.0	250	ug/L	1.00	1					
Selenium	J	9.71	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		25800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		6.07	1.00	5.00	ug/L	1.00	1					
Zinc		270	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.40	ug/L	0.000940	1	BM1	03/18/26	1359	2962635	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,6-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dimethylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,6-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Chloronaphthalene	U	ND	0.385	0.940	ug/L	0.000940	1					
2-Chlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methylnaphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
2-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Bromophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloroaniline	U	ND	3.10	9.40	ug/L	0.000940	1					
4-Chlorophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Acenaphthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acenaphthylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acetophenone	U	ND	2.82	9.40	ug/L	0.000940	1					
Anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Atrazine	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzaldehyde	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzo(a)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(a)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(b)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(ghi)perylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(k)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Butylbenzylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Carbazole	U	ND	0.282	0.940	ug/L	0.000940	1					
Chrysene	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-butylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-octylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzofuran	U	ND	2.82	9.40	ug/L	0.000940	1					
Diethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dimethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Diphenylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Fluorene	U	ND	0.282	0.940	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorobutadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachloroethane	U	ND	2.82	9.40	ug/L	0.000940	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Isophorone	U	ND	3.29	9.40	ug/L	0.000940	1					
N-Nitrosodipropylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Naphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
Nitrobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Pentachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Phenanthrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Phenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
m,p-Cresols	U	ND	3.48	9.40	ug/L	0.000940	1					
m-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Cresol	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
p-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	1024	2967250	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	J	0.530	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		3.11	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		1.77	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene		1.13	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride		2.15	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		20.9	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/18/26	0626	2962628
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	21.6 ug/L	47.0	46	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	22.0 ug/L	47.0	47	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	16.2 ug/L	47.0	34	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	54.3 ug/L	94.0	58	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	14.7 ug/L	94.0	16	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	21.4 ug/L	94.0	23	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	47.8 ug/L	50.0	96	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.0 ug/L	50.0	86	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	46.5 ug/L	50.0	93	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-04	Project:	RVDE00226C
Sample ID:	768213002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	768213003	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	12-MAR-26 11:40		
Receive Date:	12-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0780	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1411	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/19/26	1857	2961123	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		24.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		24400	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		290	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5980	110	300	ug/L	1.00	1					
Manganese		74.3	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4960	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		25700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc		47.9	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	768213003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03
Sample ID: 768213004
Matrix: Surface Water
Collect Date: 12-MAR-26 13:10
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0870	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1412	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		804	68.0	200	ug/L	1.00	1	EM2	03/19/26	1905	2961123	2
Antimony	J	5.96	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		21.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		20000	50.0	200	ug/L	1.00	1					
Chromium	J	2.64	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		1320	30.0	100	ug/L	1.00	1					
Lead	J	4.98	3.30	20.0	ug/L	1.00	1					
Magnesium		38800	110	300	ug/L	1.00	1					
Manganese		84.4	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		13800	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		293000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.34	1.00	5.00	ug/L	1.00	1					
Zinc	J	13.8	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.83	9.42	ug/L	0.000942	1	BM1	03/18/26	1421	2962635	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,5-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,6-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dimethylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dinitrophenol	U	ND	4.71	18.8	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,6-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Chloronaphthalene	U	ND	0.386	0.942	ug/L	0.000942	1					
2-Chlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methylnaphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
2-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
3,3'-Dichlorobenzidine	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Bromophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloro-3-methylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloroaniline	U	ND	3.11	9.42	ug/L	0.000942	1					
4-Chlorophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Acenaphthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acenaphthylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acetophenone	U	ND	2.83	9.42	ug/L	0.000942	1					
Anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Atrazine	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzaldehyde	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzo(a)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(a)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(b)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(ghi)perylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(k)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Butylbenzylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Carbazole	U	ND	0.283	0.942	ug/L	0.000942	1					
Chrysene	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-butylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-octylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzo(a,h)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzofuran	U	ND	2.83	9.42	ug/L	0.000942	1					
Diethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dimethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Diphenylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Fluorene	U	ND	0.283	0.942	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorobutadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorocyclopentadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachloroethane	U	ND	2.83	9.42	ug/L	0.000942	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Isophorone	U	ND	3.30	9.42	ug/L	0.000942	1					
N-Nitrosodipropylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Naphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
Nitrobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Pentachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Phenanthrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Phenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethoxy)methane	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethyl) ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
m,p-Cresols	U	ND	3.48	9.42	ug/L	0.000942	1					
m-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Cresol	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
p-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	1049	2967250	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/18/26	0626	2962628
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	28.3 ug/L	47.1	60	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.3 ug/L	47.1	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	13.6 ug/L	47.1	29	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	64.6 ug/L	94.2	69	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.4 ug/L	94.2	20	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	26.0 ug/L	94.2	28	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.3 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.3 ug/L	50.0	87	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.5 ug/L	50.0	95	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-03	Project:	RVDE00226C
Sample ID:	768213004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-03 Field Filtered	Project:	RVDE00226C
Sample ID:	768213005	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	12-MAR-26 13:10		
Receive Date:	12-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0820	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1414	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/19/26	1907	2961123	2
Antimony	J	5.50	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		19.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		20500	50.0	200	ug/L	1.00	1					
Chromium	J	1.36	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		109	30.0	100	ug/L	1.00	1					
Lead	J	4.78	3.30	20.0	ug/L	1.00	1					
Magnesium		40100	110	300	ug/L	1.00	1					
Manganese		65.9	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		14400	50.0	250	ug/L	1.00	1					
Selenium	J	11.1	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		305000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.04	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.40	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-03 Field Filtered	Project:	RVDE00226C
Sample ID:	768213005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02
Sample ID: 768213006
Matrix: Surface Water
Collect Date: 12-MAR-26 13:40
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0880	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1416	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1060	68.0	200	ug/L	1.00	1	EM2	03/19/26	1910	2961123	2
Antimony	J	11.2	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		22.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		22900	50.0	200	ug/L	1.00	1					
Chromium	J	3.76	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		1770	30.0	100	ug/L	1.00	1					
Lead	J	9.14	3.30	20.0	ug/L	1.00	1					
Magnesium		40600	110	300	ug/L	1.00	1					
Manganese		121	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		14400	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		305000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.28	1.00	5.00	ug/L	1.00	1					
Zinc		57.2	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.57	ug/L	0.000957	1	BM1	03/18/26	1443	2962635	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dimethylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dinitrophenol	U	ND	4.79	19.1	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,6-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Chloronaphthalene	U	ND	0.393	0.957	ug/L	0.000957	1					
2-Chlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methylnaphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
2-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Bromophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloroaniline	U	ND	3.16	9.57	ug/L	0.000957	1					
4-Chlorophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Acenaphthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acenaphthylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acetophenone	U	ND	2.87	9.57	ug/L	0.000957	1					
Anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Atrazine	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzaldehyde	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzo(a)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(a)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(b)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(ghi)perylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(k)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Butylbenzylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Carbazole	U	ND	0.287	0.957	ug/L	0.000957	1					
Chrysene	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-butylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-octylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzofuran	U	ND	2.87	9.57	ug/L	0.000957	1					
Diethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dimethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Diphenylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Fluorene	U	ND	0.287	0.957	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorobutadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachloroethane	U	ND	2.87	9.57	ug/L	0.000957	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Isophorone	U	ND	3.35	9.57	ug/L	0.000957	1					
N-Nitrosodipropylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Naphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
Nitrobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Pentachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Phenanthrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Phenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
m,p-Cresols	U	ND	3.54	9.57	ug/L	0.000957	1					
m-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Cresol	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
p-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	1115	2967250	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/18/26	0626	2962628
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	30.5 ug/L	47.9	64	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.5 ug/L	47.9	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.1 ug/L	47.9	23	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	52.3 ug/L	95.7	55	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	19.0 ug/L	95.7	20	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	24.3 ug/L	95.7	25	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.8 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	42.9 ug/L	50.0	86	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.2 ug/L	50.0	94	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-02	Project:	RVDE00226C
Sample ID:	768213006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	768213007	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	12-MAR-26 13:40		
Receive Date:	12-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0820	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1417	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/19/26	1912	2961123	2
Antimony	J	5.97	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		18.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		21900	50.0	200	ug/L	1.00	1					
Chromium	J	1.10	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		102	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		39300	110	300	ug/L	1.00	1					
Manganese		75.5	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		13900	50.0	250	ug/L	1.00	1					
Selenium	J	6.31	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		297000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.18	1.00	5.00	ug/L	1.00	1					
Zinc	J	13.3	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	768213007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02
Sample ID: 768213008
Matrix: Soil
Collect Date: 12-MAR-26 14:20
Receive Date: 12-MAR-26
Collector: Client
Moisture: 40.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		103	12.5	37.2	ug/kg	110	1	PB1	03/16/26	1112	2961183	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2850000	203000	598000	ug/kg	88.5	20	EM2	03/19/26	1327	2961125	2
Antimony	U	ND	9860	59800	ug/kg	88.5	20					
Arsenic	U	ND	14900	89600	ug/kg	88.5	20					
Barium		22800	2990	14900	ug/kg	88.5	20					
Beryllium	U	ND	2990	14900	ug/kg	88.5	20					
Cadmium	U	ND	2990	14900	ug/kg	88.5	20					
Calcium		2460000	239000	747000	ug/kg	88.5	20					
Chromium		294000	4480	29900	ug/kg	88.5	20					
Cobalt		26300	4480	14900	ug/kg	88.5	20					
Copper		845000	8960	59800	ug/kg	88.5	20					
Iron		523000000	239000	747000	ug/kg	88.5	20					
Lead	J	23600	9860	59800	ug/kg	88.5	20					
Magnesium		1740000	254000	896000	ug/kg	88.5	20					
Manganese		3170000	5980	29900	ug/kg	88.5	20					
Nickel		244000	4480	14900	ug/kg	88.5	20					
Potassium	J	332000	191000	747000	ug/kg	88.5	20					
Selenium	U	ND	14900	89600	ug/kg	88.5	20					
Silver	U	ND	2990	14900	ug/kg	88.5	20					
Sodium	U	ND	209000	747000	ug/kg	88.5	20					
Thallium	U	ND	14900	59800	ug/kg	88.5	20					
Vanadium		76900	2990	14900	ug/kg	88.5	20					
Zinc		500000	12000	59800	ug/kg	88.5	20					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	167	558	ug/kg	0.0330	1	BM1	03/20/26	1252	2964568	3
1,2,4,5-Tetrachlorobenzene	U	ND	167	558	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	167	558	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	167	1120	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	167	558	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	167	558	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	16.7	55.8	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	167	558	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	16.7	55.8	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	167	558	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	167	558	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	167	558	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	223	558	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	167	558	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	167	558	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	167	558	ug/kg	0.0330	1					
Acenaphthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Acenaphthylene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Acetophenone	U	ND	167	558	ug/kg	0.0330	1					
Anthracene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Atrazine	U	ND	223	558	ug/kg	0.0330	1					
Benzaldehyde	U	ND	167	558	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Carbazole	U	ND	16.7	55.8	ug/kg	0.0330	1					
Chrysene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Dibenzofuran	U	ND	167	558	ug/kg	0.0330	1					
Diethylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Diphenylamine	U	ND	167	558	ug/kg	0.0330	1					
Fluoranthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Fluorene	U	ND	16.7	55.8	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	167	558	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	167	558	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	167	558	ug/kg	0.0330	1					
Hexachloroethane	U	ND	167	558	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Isophorone	U	ND	167	558	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	167	558	ug/kg	0.0330	1					
Naphthalene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Nitrobenzene	U	ND	167	558	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	167	558	ug/kg	0.0330	1					
Phenanthrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Phenol	U	ND	167	558	ug/kg	0.0330	1					
Pyrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	167	558	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	167	558	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	167	558	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
m,p-Cresols	U	ND	167	558	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	167	558	ug/kg	0.0330	1					
o-Cresol	U	ND	167	558	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	184	558	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	167	558	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.386	0.215	0.538	mg/kg	31.9	1	BR2	03/25/26	1242	2962940	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1	PXY1	03/25/26	1517	2967540	5
1,1,2,2-Tetrachloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,1,2-Trichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,1-Dichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,1-Dichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2,3-Trichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2,4-Trichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dibromo-3-chloropropane	U	ND	0.742	1.48	ug/kg	0.879	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dichloropropane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,3-Dichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,4-Dichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,4-Dioxane	U	ND	24.7	74.2	ug/kg	0.879	1					
2-Butanone		26.3	2.47	7.42	ug/kg	0.879	1					
2-Hexanone	U	ND	2.47	7.42	ug/kg	0.879	1					
4-Methyl-2-pentanone	U	ND	2.47	7.42	ug/kg	0.879	1					
Acetone		125	2.47	7.42	ug/kg	0.879	1					
Benzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromochloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromodichloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromoform	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromomethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Carbon disulfide	U	ND	2.47	7.42	ug/kg	0.879	1					
Carbon tetrachloride	U	ND	0.494	1.48	ug/kg	0.879	1					
Chlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Chloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Chloroform	U	ND	0.494	1.48	ug/kg	0.879	1					
Chloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Cyclohexane	U	ND	0.494	1.48	ug/kg	0.879	1					
Dibromochloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Dichlorodifluoromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Ethylbenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Isopropylbenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Methyl acetate	U	ND	2.47	7.42	ug/kg	0.879	1					
Methylcyclohexane	U	ND	0.494	1.48	ug/kg	0.879	1					
Methylene chloride	U	ND	2.47	7.42	ug/kg	0.879	1					
Styrene	U	ND	0.494	1.48	ug/kg	0.879	1					
Tetrachloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
Toluene	U	ND	0.494	1.48	ug/kg	0.879	1					
Trichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
Trichlorofluoromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Trichlorotrifluoroethane	U	ND	2.47	7.42	ug/kg	0.879	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.494	1.48	ug/kg	0.879	1					
cis-1,2-Dichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
cis-1,3-Dichloropropylene	U	ND	0.494	1.48	ug/kg	0.879	1					
m,p-Xylenes	U	ND	0.990	2.97	ug/kg	0.879	1					
o-Xylene	U	ND	0.494	1.48	ug/kg	0.879	1					
tert-Butyl methyl ether	U	ND	0.494	1.48	ug/kg	0.879	1					
trans-1,2-Dichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
trans-1,3-Dichloropropylene	U	ND	0.494	1.48	ug/kg	0.879	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/13/26	0820	2961124
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 5035	5035 Prep	PXY1	03/12/26	1420	2967539
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/13/26	1125	2961182

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1150 ug/kg	2790	41	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	2790	38	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1530 ug/kg	2790	55	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2700 ug/kg	5580	48	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2260 ug/kg	5580	40	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2380 ug/kg	5580	43	(20%-99%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	83.8 ug/kg	50.0	113	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	77.9 ug/kg	50.0	105	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-02	Project:	RVDE00226C
Sample ID:	768213008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		74.8	ug/kg	50.0		101		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2961123											
QC1206406706 LCS											
Aluminum	5000			4950	ug/L		98.9	(80%-120%)	EM2	03/19/26	18:42
Antimony	500			503	ug/L		101	(80%-120%)			
Arsenic	500			511	ug/L		102	(80%-120%)			
Barium	500			500	ug/L		100	(80%-120%)			
Beryllium	500			500	ug/L		100	(80%-120%)			
Cadmium	500			498	ug/L		99.6	(80%-120%)			
Calcium	5000			5070	ug/L		101	(80%-120%)			
Chromium	500			507	ug/L		101	(80%-120%)			
Cobalt	500			505	ug/L		101	(80%-120%)			
Copper	500			498	ug/L		99.5	(80%-120%)			
Iron	5000			5040	ug/L		101	(80%-120%)			
Lead	500			494	ug/L		98.9	(80%-120%)			

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Magnesium	5000			5140	ug/L		103	(80%-120%)	EM2	03/19/26 18:42
Manganese	500			500	ug/L		100	(80%-120%)		
Nickel	500			503	ug/L		101	(80%-120%)		
Potassium	5000			4700	ug/L		93.9	(80%-120%)		
Selenium	500			489	ug/L		97.8	(80%-120%)		
Silver	100			99.3	ug/L		99.3	(80%-120%)		
Sodium	5000			4750	ug/L		95	(80%-120%)		
Thallium	500			511	ug/L		102	(80%-120%)		
Vanadium	500			507	ug/L		101	(80%-120%)		
Zinc	500			489	ug/L		97.7	(80%-120%)		
QC1206406705 MB										
Aluminum			U	ND	ug/L					03/19/26 18:38
Antimony			J	8.33	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Beryllium			U	ND	ug/L				EM2	03/19/26 18:38
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961123											
Sodium				J	115	ug/L				EM2	03/19/26 18:38
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206406707 768213002 MS											
Aluminum	5000		1060		6520	ug/L		109	(75%-125%)		03/19/26 18:47
Antimony	500	J	6.28		498	ug/L		98.3	(75%-125%)		
Arsenic	500	U	ND		515	ug/L		103	(75%-125%)		
Barium	500		51.0		536	ug/L		97	(75%-125%)		
Beryllium	500	U	ND		494	ug/L		98.7	(75%-125%)		
Cadmium	500	U	ND		485	ug/L		97	(75%-125%)		
Calcium	5000		26000		31400	ug/L		N/A	(75%-125%)		
Chromium	500		27.6		514	ug/L		97.3	(75%-125%)		
Cobalt	500	J	1.56		490	ug/L		97.7	(75%-125%)		
Copper	500		25.0		505	ug/L		96.1	(75%-125%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961123											
Iron	5000		19300		20400	ug/L		21.8*	(75%-125%)	EM2	03/19/26 18:47
Lead	500	J	11.0		487	ug/L		95.2	(75%-125%)		
Magnesium	5000		6610		11600	ug/L		101	(75%-125%)		
Manganese	500		489		924	ug/L		86.9	(75%-125%)		
Nickel	500		10.0		490	ug/L		96	(75%-125%)		
Potassium	5000		5120		9880	ug/L		95.3	(75%-125%)		
Selenium	500	J	9.71		488	ug/L		95.7	(75%-125%)		
Silver	100	U	ND		96.4	ug/L		96.4	(75%-125%)		
Sodium	5000		25800		30500	ug/L		N/A	(75%-125%)		
Thallium	500	U	ND		484	ug/L		96.9	(75%-125%)		
Vanadium	500		6.07		505	ug/L		99.8	(75%-125%)		
Zinc	500		270		734	ug/L		92.8	(75%-125%)		
QC1206406708 768213002 MSD											
Aluminum	5000		1060		6520	ug/L	0.103	109	(0%-20%)		03/19/26 18:49
Antimony	500	J	6.28		496	ug/L	0.35	97.9	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2961123												
Arsenic	500	U	ND		520	ug/L	0.952	104	(0%-20%)	EM2	03/19/26	18:49
Barium	500		51.0		549	ug/L	2.38	99.5	(0%-20%)			
Beryllium	500	U	ND		507	ug/L	2.58	101	(0%-20%)			
Cadmium	500	U	ND		498	ug/L	2.6	99.5	(0%-20%)			
Calcium	5000		26000		31700	ug/L	1.07	N/A	(0%-20%)			
Chromium	500		27.6		512	ug/L	0.41	96.8	(0%-20%)			
Cobalt	500	J	1.56		496	ug/L	1.19	98.9	(0%-20%)			
Copper	500		25.0		513	ug/L	1.42	97.5	(0%-20%)			
Iron	5000		19300		18100	ug/L	12	0 *	(0%-20%)			
Lead	500	J	11.0		492	ug/L	1.04	96.2	(0%-20%)			
Magnesium	5000		6610		11700	ug/L	0.475	102	(0%-20%)			
Manganese	500		489		908	ug/L	1.72	83.8	(0%-20%)			
Nickel	500		10.0		491	ug/L	0.208	96.2	(0%-20%)			
Potassium	5000		5120		9970	ug/L	0.907	97.2	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961123											
Selenium	500	J	9.71		489	ug/L	0.104	95.8	(0%-20%)	EM2	03/19/26 18:49
Silver	100	U	ND		97.4	ug/L	1.01	97.4	(0%-20%)		
Sodium	5000		25800		30800	ug/L	0.915	N/A	(0%-20%)		
Thallium	500	U	ND		480	ug/L	1	95.9	(0%-20%)		
Vanadium	500		6.07		507	ug/L	0.328	100	(0%-20%)		
Zinc	500		270		746	ug/L	1.61	95.2	(0%-20%)		
QC1206406709 768213002 PS											
Iron	5000		19300		23100	ug/L		75.8	(75%-125%)		03/19/26 18:51
QC1206406710 768213002 SDILT											
Aluminum			1060		225	ug/L	6.37		(0%-20%)		03/19/26 18:54
Antimony		J	6.28	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium			51.0		10.3	ug/L	1.02		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium			26000		5470	ug/L	5.18		(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Chromium		27.6	J	5.81	ug/L	5.29		(0%-20%)	EM2	03/19/26 18:54
Cobalt	J	1.56	U	ND	ug/L	N/A		(0%-20%)		
Copper		25.0	J	4.64	ug/L	7.16		(0%-20%)		
Iron		19300		4030	ug/L	4.56		(0%-20%)		
Lead	J	11.0	U	ND	ug/L	N/A		(0%-20%)		
Magnesium		6610		1400	ug/L	6.12		(0%-20%)		
Manganese		489		101	ug/L	2.93		(0%-20%)		
Nickel		10.0	J	2.31	ug/L	15		(0%-20%)		
Potassium		5120		1040	ug/L	1.72		(0%-20%)		
Selenium	J	9.71	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		25800		5550	ug/L	7.54		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		6.07	J	1.30	ug/L	7.08		(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Zinc		270		56.3	ug/L	4.18		(0%-20%)	EM2	03/19/26 18:54
Batch 2961125										
QC1206406712 LCS										
Aluminum	441000			441000	ug/kg		99.9	(80%-120%)	EM2	03/19/26 13:25
Antimony	44100			44300	ug/kg		101	(80%-120%)		
Arsenic	44100			45500	ug/kg		103	(80%-120%)		
Barium	44100			44900	ug/kg		102	(80%-120%)		
Beryllium	44100			46000	ug/kg		104	(80%-120%)		
Cadmium	44100			45200	ug/kg		103	(80%-120%)		
Calcium	441000			459000	ug/kg		104	(80%-120%)		
Chromium	44100			45000	ug/kg		102	(80%-120%)		
Cobalt	44100			44700	ug/kg		101	(80%-120%)		
Copper	44100			45000	ug/kg		102	(80%-120%)		
Iron	441000			457000	ug/kg		104	(80%-120%)		
Lead	44100			45900	ug/kg		104	(80%-120%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961125										
Magnesium	441000			469000	ug/kg		106	(80%-120%)	EM2	03/19/26 13:25
Manganese	44100			44600	ug/kg		101	(80%-120%)		
Nickel	44100			44600	ug/kg		101	(80%-120%)		
Potassium	441000			426000	ug/kg		96.5	(80%-120%)		
Selenium	44100			45300	ug/kg		103	(80%-120%)		
Silver	8820			9030	ug/kg		102	(80%-120%)		
Sodium	441000			427000	ug/kg		96.9	(80%-120%)		
Thallium	44100			45200	ug/kg		102	(80%-120%)		
Vanadium	44100			44100	ug/kg		100	(80%-120%)		
Zinc	44100			44800	ug/kg		102	(80%-120%)		
QC1206406711 MB										
Aluminum			U	ND	ug/kg					03/19/26 13:21
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961125										
Beryllium			U	ND	ug/kg				EM2	03/19/26 13:21
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961125											
Sodium				U	ND	ug/kg				EM2	03/19/26 13:21
Thallium				U	ND	ug/kg					
Vanadium				U	ND	ug/kg					
Zinc				J	420	ug/kg					
QC1206406713 768213008 MS											
Aluminum	776000		2850000		4550000	ug/kg		219*	(75%-125%)		03/19/26 13:30
Antimony	77600	U	ND		76500	ug/kg		98.6	(75%-125%)		
Arsenic	77600	U	ND		97200	ug/kg		108	(75%-125%)		
Barium	77600		22800		101000	ug/kg		100	(75%-125%)		
Beryllium	77600	U	ND		73900	ug/kg		95.1	(75%-125%)		
Cadmium	77600	U	ND		75900	ug/kg		97.8	(75%-125%)		
Calcium	776000		2460000		3340000	ug/kg		113	(75%-125%)		
Chromium	77600		294000		385000	ug/kg		117	(75%-125%)		
Cobalt	77600		26300		103000	ug/kg		98.6	(75%-125%)		
Copper	77600		845000		925000	ug/kg		N/A	(75%-125%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2961125												
Iron	776000		523000000		522000000	ug/kg		N/A	(75%-125%)	EM2	03/19/26	13:30
Lead	77600	J	23600		111000	ug/kg		112	(75%-125%)			
Magnesium	776000		1740000		2650000	ug/kg		118	(75%-125%)			
Manganese	77600		3170000		3310000	ug/kg		N/A	(75%-125%)			
Nickel	77600		244000		334000	ug/kg		116	(75%-125%)			
Potassium	776000	J	332000		857000	ug/kg		67.7*	(75%-125%)			
Selenium	77600	U	ND		85700	ug/kg		93.8	(75%-125%)			
Silver	15500	U	ND		18100	ug/kg		98.7	(75%-125%)			
Sodium	776000	U	ND		752000	ug/kg		90.7	(75%-125%)			
Thallium	77600	U	ND		71200	ug/kg		91.7	(75%-125%)			
Vanadium	77600		76900		184000	ug/kg		138*	(75%-125%)			
Zinc	77600		500000		586000	ug/kg		N/A	(75%-125%)			
QC1206406714 768213008 MSD												
Aluminum	759000		2850000		4550000	ug/kg	0.0114	223*	(0%-20%)		03/19/26	13:33
Antimony	75900	U	ND		73500	ug/kg	4.02	96.8	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2961125												
Arsenic	75900	U	ND		94200	ug/kg	3.14	106	(0%-20%)	EM2	03/19/26	13:33
Barium	75900		22800		99800	ug/kg	0.896	101	(0%-20%)			
Beryllium	75900	U	ND		73600	ug/kg	0.309	96.9	(0%-20%)			
Cadmium	75900	U	ND		74300	ug/kg	2.18	97.8	(0%-20%)			
Calcium	759000		2460000		3110000	ug/kg	7.06	85.8	(0%-20%)			
Chromium	75900		294000		385000	ug/kg	0.0184	120	(0%-20%)			
Cobalt	75900		26300		103000	ug/kg	0.149	101	(0%-20%)			
Copper	75900		845000		907000	ug/kg	1.92	N/A	(0%-20%)			
Iron	759000		523000000		527000000	ug/kg	1.09	N/A	(0%-20%)			
Lead	75900	J	23600		104000	ug/kg	6.25	106	(0%-20%)			
Magnesium	759000		1740000		2600000	ug/kg	1.81	114	(0%-20%)			
Manganese	75900		3170000		3320000	ug/kg	0.462	N/A	(0%-20%)			
Nickel	75900		244000		327000	ug/kg	1.91	110	(0%-20%)			
Potassium	759000	J	332000		1010000	ug/kg	16.7	89.8	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date	Time
Metals Analysis-ICP														
Batch 2961125														
Selenium	75900	U	ND		113000	ug/kg	27.4	*	132	*	(0%-20%)	EM2	03/19/26	13:33
Silver	15200	U	ND		18400	ug/kg	1.35		102		(0%-20%)			
Sodium	759000	U	ND		716000	ug/kg	4.8		88		(0%-20%)			
Thallium	75900	U	ND		73600	ug/kg	3.41		97		(0%-20%)			
Vanadium	75900		76900		154000	ug/kg	18.1		101		(0%-20%)			
Zinc	75900		500000		639000	ug/kg	8.74		N/A		(0%-20%)			
QC1206406715 768213008 PS														
Aluminum	5000		954		5910	ug/L			99.2		(75%-125%)		03/19/26	13:36
Potassium	5000	J	111		4940	ug/L			96.5		(75%-125%)			
Selenium	500	U	ND		532	ug/L			106		(75%-125%)			
Vanadium	500		25.7		546	ug/L			104		(75%-125%)			
QC1206406716 768213008 SDILT														
Aluminum			954	J	184	ug/L	3.84				(0%-20%)		03/19/26	13:38
Antimony		U	ND	U	ND	ug/L	N/A				(0%-20%)			
Arsenic		U	ND	U	ND	ug/L	N/A				(0%-20%)			
Barium			7.63	J	1.66	ug/L	8.78				(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961125										
Beryllium	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	03/19/26 13:38
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		823	J	166	ug/L	.705		(0%-20%)		
Chromium		98.5		19.5	ug/L	1.03		(0%-20%)		
Cobalt		8.79	J	1.89	ug/L	7.51		(0%-20%)		
Copper		283		56.2	ug/L	.704		(0%-20%)		
Iron		175000		35500	ug/L	1.35		(0%-20%)		
Lead	J	7.91	U	ND	ug/L	N/A		(0%-20%)		
Magnesium		581	J	121	ug/L	4.24		(0%-20%)		
Manganese		1060		215	ug/L	1.04		(0%-20%)		
Nickel		81.6		16.4	ug/L	.307		(0%-20%)		
Potassium	J	111	U	ND	ug/L	N/A		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961125											
Sodium	U	ND	U	ND	ug/L	N/A			(0%-20%)	EM2	03/19/26 13:38
Thallium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Vanadium		25.7	J	4.98	ug/L	3.23			(0%-20%)		
Zinc		167		34.5	ug/L	3.1			(0%-20%)		
Metals Analysis-Mercury											
Batch 2961183											
QC1206406815 768148001 DUP											
Mercury		22.6	J	19.4	ug/kg	15.4	^		(+/-22.8)	PB1	03/16/26 10:48
QC1206406814 LCS											
Mercury	215			223	ug/kg			104	(80%-120%)		03/16/26 10:36
QC1206406813 MB											
Mercury			U	ND	ug/kg						03/16/26 10:34
QC1206406816 768148001 MS											
Mercury	240	22.6		265	ug/kg			101	(80%-120%)		03/16/26 10:50
Batch 2961233											
QC1206406973 766701001 DUP											
Mercury	J	0.0770	J	0.0700	ug/L	9.52	^		(+/-0.200)	PB1	03/16/26 13:41
QC1206406972 LCS											
Mercury	2.00			2.03	ug/L			101	(80%-120%)		03/16/26 13:38
QC1206406971 MB											
Mercury			J	0.0690	ug/L						03/16/26 13:36

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury										
Batch 2961233										
QC1206406974 766701001 MS										
Mercury	2.00	J	0.0770	1.98	ug/L		95.2	(75%-125%)	PB1	03/16/26 13:46
Semi-Volatile-GC/MS										
Batch 2962635										
QC1206409549 LCS										
1,1'-Biphenyl	50.0			41.5	ug/L		83	(45%-114%)	BM1	03/18/26 11:04
1,2,4,5-Tetrachlorobenzene	50.0			39.8	ug/L		80	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			43.0	ug/L		86	(41%-119%)		
2,4,5-Trichlorophenol	50.0			43.7	ug/L		87	(42%-122%)		
2,4,6-Trichlorophenol	50.0			42.4	ug/L		85	(40%-119%)		
2,4-Dichlorophenol	50.0			39.9	ug/L		80	(36%-111%)		
2,4-Dimethylphenol	50.0			25.8	ug/L		52	(31%-68%)		
2,4-Dinitrophenol	50.0			39.3	ug/L		79	(30%-120%)		
2,4-Dinitrotoluene	50.0			51.8	ug/L		104	(48%-128%)		
2,6-Dinitrotoluene	50.0			48.6	ug/L		97	(47%-124%)		
2-Chloronaphthalene	50.0			41.8	ug/L		84	(41%-113%)		
2-Chlorophenol	50.0			32.8	ug/L		66	(30%-95%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
2-Methyl-4,6-dinitrophenol	50.0			43.5	ug/L		87	(32%-131%)	BM1	03/18/26 11:04
2-Methylnaphthalene	50.0			47.0	ug/L		94	(42%-116%)		
2-Nitrophenol	50.0			40.4	ug/L		81	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			44.2	ug/L		88	(43%-116%)		
4-Bromophenylphenylether	50.0			46.6	ug/L		93	(49%-125%)		
4-Chloro-3-methylphenol	50.0			40.7	ug/L		81	(35%-113%)		
4-Chloroaniline	50.0			42.0	ug/L		84	(39%-112%)		
4-Chlorophenylphenylether	50.0			47.5	ug/L		95	(48%-124%)		
4-Nitrophenol	50.0			20.4	ug/L		41	(25%-69%)		
Acenaphthene	50.0			44.5	ug/L		89	(44%-118%)		
Acenaphthylene	50.0			40.7	ug/L		81	(42%-110%)		
Acetophenone	50.0			42.9	ug/L		86	(44%-114%)		
Anthracene	50.0			46.7	ug/L		93	(49%-121%)		
Atrazine	50.0			51.2	ug/L		102	(49%-147%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Benzaldehyde	50.0			37.0	ug/L		74	(27%-111%)	BM1	03/18/26 11:04
Benzo(a)anthracene	50.0			44.0	ug/L		88	(46%-121%)		
Benzo(a)pyrene	50.0			42.5	ug/L		85	(41%-120%)		
Benzo(b)fluoranthene	50.0			44.7	ug/L		89	(45%-126%)		
Benzo(ghi)perylene	50.0			49.6	ug/L		99	(44%-129%)		
Benzo(k)fluoranthene	50.0			43.8	ug/L		88	(44%-126%)		
Butylbenzylphthalate	50.0			47.2	ug/L		94	(47%-135%)		
Carbazole	50.0			49.9	ug/L		100	(52%-127%)		
Chrysene	50.0			43.2	ug/L		86	(46%-121%)		
Di-n-butylphthalate	50.0		B	50.3	ug/L		101	(51%-132%)		
Di-n-octylphthalate	50.0			47.1	ug/L		94	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			47.8	ug/L		96	(42%-123%)		
Dibenzofuran	50.0			45.3	ug/L		91	(48%-118%)		
Diethylphthalate	50.0			48.9	ug/L		98	(51%-131%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Dimethylphthalate	50.0			46.8	ug/L		94	(48%-129%)	BM1	03/18/26 11:04
Diphenylamine	50.0			45.5	ug/L		91	(49%-122%)		
Fluoranthene	50.0			50.7	ug/L		101	(50%-126%)		
Fluorene	50.0			46.2	ug/L		92	(48%-122%)		
Hexachlorobenzene	50.0			45.8	ug/L		92	(46%-122%)		
Hexachlorobutadiene	50.0			36.5	ug/L		73	(32%-94%)		
Hexachlorocyclopentadiene	50.0			19.2	ug/L		38	(31%-64%)		
Hexachloroethane	50.0			35.3	ug/L		71	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			49.3	ug/L		99	(40%-125%)		
Isophorone	50.0			45.0	ug/L		90	(39%-126%)		
N-Nitrosodipropylamine	50.0			45.2	ug/L		90	(44%-122%)		
Naphthalene	50.0			40.4	ug/L		81	(41%-107%)		
Nitrobenzene	50.0			42.7	ug/L		85	(42%-112%)		
Pentachlorophenol	50.0			44.7	ug/L		89	(36%-124%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Phenanthrene	50.0			44.9	ug/L		90	(48%-120%)	BM1	03/18/26 11:04
Phenol	50.0			14.7	ug/L		29	(12%-90%)		
Pyrene	50.0			51.1	ug/L		102	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			40.0	ug/L		80	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			43.9	ug/L		88	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			39.5	ug/L		79	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			44.3	ug/L		89	(42%-132%)		
m,p-Cresols	50.0			28.8	ug/L		58	(29%-82%)		
m-Nitroaniline	50.0			48.3	ug/L		97	(44%-119%)		
o-Cresol	50.0			29.7	ug/L		59	(29%-86%)		
o-Nitroaniline	50.0			48.3	ug/L		97	(45%-128%)		
p-Nitroaniline	50.0			55.8	ug/L		112	(46%-130%)		
**2,4,6-Tribromophenol	100			92.7	ug/L		93	(28%-113%)		
**2-Fluorobiphenyl	50.0			38.5	ug/L		77	(32%-102%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
**2-Fluorophenol	100			36.1	ug/L		36	(15%-72%)	BM1	03/18/26 11:04
**Nitrobenzene-d5	50.0			39.0	ug/L		78	(31%-100%)		
**Phenol-d5	100			26.5	ug/L		27	(15%-85%)		
**p-Terphenyl-d14	50.0			36.7	ug/L		73	(20%-118%)		
QC1206409548 MB										
1,1'-Biphenyl			U	ND	ug/L					03/18/26 10:42
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
2-Chloronaphthalene			U	ND	ug/L				BM1	03/18/26 10:42
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Anthracene			U	ND	ug/L				BM1	03/18/26 10:42
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			J	0.400	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Dibenzofuran			U	ND	ug/L				BM1	03/18/26 10:42
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Nitrobenzene			U	ND	ug/L				BM1	03/18/26 10:42
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
**2,4,6-Tribromophenol	100				76.0	ug/L		76	(28%-113%)	BM1	03/18/26 10:42
**2-Fluorobiphenyl	50.0				29.5	ug/L		59	(32%-102%)		
**2-Fluorophenol	100				27.1	ug/L		27	(15%-72%)		
**Nitrobenzene-d5	50.0				28.1	ug/L		56	(31%-100%)		
**Phenol-d5	100				19.3	ug/L		19	(15%-85%)		
**p-Terphenyl-d14	50.0				35.6	ug/L		71	(20%-118%)		
QC1206409550 768399001 MS											
1,1'-Biphenyl	100	U	ND		69.4	ug/L		69	(30%-119%)		03/18/26 15:27
1,2,4,5-Tetrachlorobenzene	100	U	ND		67.2	ug/L		67	(28%-109%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		76.3	ug/L		76	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		80.0	ug/L		80	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		84.1	ug/L		84	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		75.0	ug/L		75	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		51.2	ug/L		51	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		73.2	ug/L		73	(24%-128%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2962635												
2,4-Dinitrotoluene	100	U	ND		87.1	ug/L		87	(36%-129%)	BM1	03/18/26	15:27
2,6-Dinitrotoluene	100	U	ND		84.7	ug/L		85	(35%-126%)			
2-Chloronaphthalene	100	U	ND		71.4	ug/L		71	(31%-114%)			
2-Chlorophenol	100	U	ND		65.7	ug/L		66	(25%-106%)			
2-Methyl-4,6-dinitrophenol	100	U	ND		73.9	ug/L		74	(25%-131%)			
2-Methylnaphthalene	100	U	ND		80.2	ug/L		80	(32%-117%)			
2-Nitrophenol	100	U	ND		72.5	ug/L		73	(28%-118%)			
3,3'-Dichlorobenzidine	100	U	ND		45.0	ug/L		45	(24%-119%)			
4-Bromophenylphenylether	100	U	ND		76.3	ug/L		76	(36%-126%)			
4-Chloro-3-methylphenol	100	U	ND		83.3	ug/L		83	(32%-122%)			
4-Chloroaniline	100	U	ND		46.3	ug/L		46	(27%-117%)			
4-Chlorophenylphenylether	100	U	ND		78.9	ug/L		79	(35%-126%)			
4-Nitrophenol	100	U	ND		59.9	ug/L		60	(9%-95%)			
Acenaphthene	100	U	ND		75.4	ug/L		75	(33%-118%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Acenaphthylene	100	U	ND		69.2	ug/L		69	(30%-112%)	BM1	03/18/26 15:27
Acetophenone	100	U	ND		72.8	ug/L		73	(31%-118%)		
Anthracene	100	U	ND		76.9	ug/L		77	(35%-122%)		
Atrazine	100	U	ND		84.7	ug/L		85	(26%-158%)		
Benzaldehyde	100	U	ND		57.3	ug/L		57	(16%-109%)		
Benzo(a)anthracene	100	U	ND		70.8	ug/L		71	(33%-122%)		
Benzo(a)pyrene	100	U	ND		67.5	ug/L		68	(30%-121%)		
Benzo(b)fluoranthene	100	U	ND		70.7	ug/L		71	(33%-128%)		
Benzo(ghi)perylene	100	U	ND		79.7	ug/L		80	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		69.5	ug/L		70	(32%-128%)		
Butylbenzylphthalate	100	U	ND		75.7	ug/L		76	(35%-136%)		
Carbazole	100	U	ND		85.4	ug/L		85	(39%-129%)		
Chrysene	100	U	ND		69.4	ug/L		69	(34%-122%)		
Di-n-butylphthalate	100	U	ND		80.9	ug/L		81	(36%-133%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Di-n-octylphthalate	100	U	ND		76.5	ug/L		76	(29%-136%)	BM1	03/18/26 15:27
Dibenzo(a,h)anthracene	100	U	ND		77.6	ug/L		78	(30%-124%)		
Dibenzofuran	100	U	ND		77.0	ug/L		77	(36%-120%)		
Diethylphthalate	100	U	ND		82.4	ug/L		82	(37%-133%)		
Dimethylphthalate	100	U	ND		79.8	ug/L		80	(36%-131%)		
Diphenylamine	100	U	ND		74.5	ug/L		74	(33%-124%)		
Fluoranthene	100	U	ND		82.9	ug/L		83	(36%-128%)		
Fluorene	100	U	ND		77.7	ug/L		78	(35%-124%)		
Hexachlorobenzene	100	U	ND		71.9	ug/L		72	(34%-123%)		
Hexachlorobutadiene	100	U	ND		60.0	ug/L		60	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		22.4	ug/L		22	(18%-65%)		
Hexachloroethane	100	U	ND		57.4	ug/L		57	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		80.2	ug/L		80	(29%-127%)		
Isophorone	100	U	ND		75.1	ug/L		75	(27%-128%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
N-Nitrosodipropylamine	100	U	ND		75.9	ug/L		76	(30%-128%)	BM1	03/18/26 15:27
Naphthalene	100	U	ND		69.8	ug/L		70	(30%-109%)		
Nitrobenzene	100	U	ND		74.2	ug/L		74	(30%-117%)		
Pentachlorophenol	100	U	ND		82.3	ug/L		82	(30%-131%)		
Phenanthrene	100	U	ND		74.4	ug/L		74	(35%-122%)		
Phenol	100	U	ND		55.3	ug/L		55	(16%-74%)		
Pyrene	100	U	ND		83.5	ug/L		84	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		67.4	ug/L		67	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		73.4	ug/L		73	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		68.4	ug/L		68	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		69.9	ug/L		70	(29%-135%)		
m,p-Cresols	100	U	ND		70.8	ug/L		71	(21%-105%)		
m-Nitroaniline	100	U	ND		76.7	ug/L		77	(29%-127%)		
o-Cresol	100	U	ND		67.9	ug/L		68	(23%-104%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
o-Nitroaniline	100	U	ND		83.1	ug/L		83	(32%-130%)	BM1	03/18/26 15:27
p-Nitroaniline	100	U	ND		96.0	ug/L		96	(33%-134%)		
**2,4,6-Tribromophenol	200		75.3		174	ug/L		87	(28%-113%)		
**2-Fluorobiphenyl	100		30.6		67.0	ug/L		67	(32%-102%)		
**2-Fluorophenol	200		32.3		101	ug/L		51	(15%-72%)		
**Nitrobenzene-d5	100		30.4		68.4	ug/L		68	(31%-100%)		
**Phenol-d5	200		29.3		97.2	ug/L		49	(15%-85%)		
**p-Terphenyl-d14	100		16.4		54.2	ug/L		54	(20%-118%)		
QC1206409551 768399001 MSD											
1,1'-Biphenyl	100	U	ND		69.6	ug/L	0	70	(0%-30%)		03/18/26 15:50
1,2,4,5-Tetrachlorobenzene	100	U	ND		66.6	ug/L	1	67	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		78.2	ug/L	2	78	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		78.7	ug/L	2	79	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		82.8	ug/L	2	83	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		75.6	ug/L	1	76	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2962635												
2,4-Dimethylphenol	100	U	ND		51.2	ug/L	0		51	(0%-30%)	BM1	03/18/26 15:50
2,4-Dinitrophenol	100	U	ND		70.3	ug/L	4		70	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		87.9	ug/L	1		88	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		83.6	ug/L	1		84	(0%-30%)		
2-Chloronaphthalene	100	U	ND		71.4	ug/L	0		71	(0%-30%)		
2-Chlorophenol	100	U	ND		66.4	ug/L	1		66	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		70.4	ug/L	5		70	(0%-30%)		
2-Methylnaphthalene	100	U	ND		81.0	ug/L	1		81	(0%-30%)		
2-Nitrophenol	100	U	ND		73.0	ug/L	1		73	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		56.5	ug/L	23		57	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		74.0	ug/L	3		74	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		80.5	ug/L	3		80	(0%-30%)		
4-Chloroaniline	100	U	ND		71.5	ug/L	43	*	72	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		78.0	ug/L	1		78	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
4-Nitrophenol	100	U	ND		59.8	ug/L	0	60	(0%-30%)	BM1	03/18/26 15:50
Acenaphthene	100	U	ND		76.0	ug/L	1	76	(0%-30%)		
Acenaphthylene	100	U	ND		69.9	ug/L	1	70	(0%-30%)		
Acetophenone	100	U	ND		74.6	ug/L	2	75	(0%-30%)		
Anthracene	100	U	ND		75.2	ug/L	2	75	(0%-30%)		
Atrazine	100	U	ND		80.7	ug/L	5	81	(0%-30%)		
Benzaldehyde	100	U	ND		55.5	ug/L	3	56	(0%-30%)		
Benzo(a)anthracene	100	U	ND		68.7	ug/L	3	69	(0%-30%)		
Benzo(a)pyrene	100	U	ND		65.2	ug/L	3	65	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		68.7	ug/L	3	69	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		78.8	ug/L	1	79	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		67.5	ug/L	3	67	(0%-30%)		
Butylbenzylphthalate	100	U	ND		73.1	ug/L	4	73	(0%-30%)		
Carbazole	100	U	ND		84.9	ug/L	1	85	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Chrysene	100	U	ND		67.7	ug/L	3	68	(0%-30%)	BM1	03/18/26 15:50
Di-n-butylphthalate	100	U	ND		78.5	ug/L	3	78	(0%-30%)		
Di-n-octylphthalate	100	U	ND		72.6	ug/L	5	73	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		74.7	ug/L	4	75	(0%-30%)		
Dibenzofuran	100	U	ND		77.1	ug/L	0	77	(0%-30%)		
Diethylphthalate	100	U	ND		82.9	ug/L	1	83	(0%-30%)		
Dimethylphthalate	100	U	ND		80.4	ug/L	1	80	(0%-30%)		
Diphenylamine	100	U	ND		72.8	ug/L	2	73	(0%-30%)		
Fluoranthene	100	U	ND		81.7	ug/L	1	82	(0%-30%)		
Fluorene	100	U	ND		78.0	ug/L	0	78	(0%-30%)		
Hexachlorobenzene	100	U	ND		70.7	ug/L	2	71	(0%-30%)		
Hexachlorobutadiene	100	U	ND		59.8	ug/L	0	60	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		22.5	ug/L	1	23	(0%-30%)		
Hexachloroethane	100	U	ND		58.2	ug/L	1	58	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Indeno(1,2,3-cd)pyrene	100	U	ND		76.8	ug/L	4	77	(0%-30%)	BM1	03/18/26 15:50
Isophorone	100	U	ND		76.1	ug/L	1	76	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		77.8	ug/L	2	78	(0%-30%)		
Naphthalene	100	U	ND		70.7	ug/L	1	71	(0%-30%)		
Nitrobenzene	100	U	ND		74.4	ug/L	0	74	(0%-30%)		
Pentachlorophenol	100	U	ND		80.2	ug/L	3	80	(0%-30%)		
Phenanthrene	100	U	ND		72.8	ug/L	2	73	(0%-30%)		
Phenol	100	U	ND		51.9	ug/L	6	52	(0%-30%)		
Pyrene	100	U	ND		82.2	ug/L	2	82	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		68.0	ug/L	1	68	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		74.2	ug/L	1	74	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		68.9	ug/L	1	69	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		67.5	ug/L	4	67	(0%-30%)		
m,p-Cresols	100	U	ND		73.2	ug/L	3	73	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
m-Nitroaniline	100	U	ND		84.4	ug/L	10	84	(0%-30%)	BM1	03/18/26 15:50
o-Cresol	100	U	ND		70.5	ug/L	4	71	(0%-30%)		
o-Nitroaniline	100	U	ND		84.7	ug/L	2	85	(0%-30%)		
p-Nitroaniline	100	U	ND		101	ug/L	5	101	(0%-30%)		
**2,4,6-Tribromophenol	200		75.3		168	ug/L		84	(28%-113%)		
**2-Fluorobiphenyl	100		30.6		65.8	ug/L		66	(32%-102%)		
**2-Fluorophenol	200		32.3		97.2	ug/L		49	(15%-72%)		
**Nitrobenzene-d5	100		30.4		67.5	ug/L		67	(31%-100%)		
**Phenol-d5	200		29.3		98.5	ug/L		49	(15%-85%)		
**p-Terphenyl-d14	100		16.4		53.5	ug/L		54	(20%-118%)		
Batch 2964568											
QC1206412894 LCS											
1,1'-Biphenyl	1660				1330	ug/kg		80	(47%-110%)	BM1	03/20/26 12:32
1,2,4,5-Tetrachlorobenzene	1660				1310	ug/kg		79	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1420	ug/kg		86	(44%-114%)		
2,4,5-Trichlorophenol	1660				1460	ug/kg		88	(50%-121%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
2,4,6-Trichlorophenol	1660			1480	ug/kg		90	(48%-112%)	BM1	03/20/26 12:32
2,4-Dichlorophenol	1660			1440	ug/kg		87	(47%-112%)		
2,4-Dimethylphenol	1660			984	ug/kg		59	(32%-74%)		
2,4-Dinitrophenol	1660			991	ug/kg		60	(22%-89%)		
2,4-Dinitrotoluene	1660			1590	ug/kg		96	(49%-121%)		
2,6-Dinitrotoluene	1660			1490	ug/kg		90	(47%-118%)		
2-Chloronaphthalene	1660			1400	ug/kg		85	(44%-107%)		
2-Chlorophenol	1660			1370	ug/kg		83	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1150	ug/kg		70	(21%-106%)		
2-Methylnaphthalene	1660			1580	ug/kg		95	(47%-109%)		
2-Nitrophenol	1660			1360	ug/kg		82	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1200	ug/kg		73	(39%-100%)		
4-Bromophenylphenylether	1660			1540	ug/kg		93	(50%-120%)		
4-Chloro-3-methylphenol	1660			1500	ug/kg		91	(50%-114%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
4-Chloroaniline	1660			1210	ug/kg		73	(38%-96%)	BM1	03/20/26 12:32
4-Chlorophenylphenylether	1660			1560	ug/kg		94	(50%-118%)		
4-Nitrophenol	1660			1540	ug/kg		93	(46%-120%)		
Acenaphthene	1660			1450	ug/kg		88	(45%-112%)		
Acenaphthylene	1660			1350	ug/kg		82	(43%-106%)		
Acetophenone	1660			1270	ug/kg		76	(35%-100%)		
Anthracene	1660			1530	ug/kg		92	(50%-115%)		
Atrazine	1660			1600	ug/kg		97	(51%-144%)		
Benzaldehyde	1660		J	208	ug/kg		13*	(21%-89%)		
Benzo(a)anthracene	1660			1460	ug/kg		88	(51%-117%)		
Benzo(a)pyrene	1660			1420	ug/kg		86	(48%-118%)		
Benzo(b)fluoranthene	1660			1490	ug/kg		90	(51%-121%)		
Benzo(ghi)perylene	1660			1550	ug/kg		94	(51%-125%)		
Benzo(k)fluoranthene	1660			1520	ug/kg		92	(50%-124%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Butylbenzylphthalate	1660			1600	ug/kg		97	(51%-133%)	BM1	03/20/26 12:32
Carbazole	1660			1560	ug/kg		94	(53%-119%)		
Chrysene	1660			1440	ug/kg		87	(52%-116%)		
Di-n-butylphthalate	1660			1590	ug/kg		96	(54%-126%)		
Di-n-octylphthalate	1660			1490	ug/kg		90	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1380	ug/kg		83	(48%-120%)		
Dibenzofuran	1660			1500	ug/kg		91	(50%-110%)		
Diethylphthalate	1660			1540	ug/kg		93	(52%-123%)		
Dimethylphthalate	1660			1470	ug/kg		89	(49%-124%)		
Diphenylamine	1660			1500	ug/kg		90	(51%-115%)		
Fluoranthene	1660			1590	ug/kg		96	(52%-121%)		
Fluorene	1660			1490	ug/kg		90	(50%-116%)		
Hexachlorobenzene	1660			1470	ug/kg		89	(48%-117%)		
Hexachlorobutadiene	1660			1410	ug/kg		85	(40%-105%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Hexachlorocyclopentadiene	1660			931	ug/kg		56	(26%-82%)	BM1	03/20/26 12:32
Hexachloroethane	1660			1290	ug/kg		78	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1410	ug/kg		85	(47%-123%)		
Isophorone	1660			1410	ug/kg		85	(37%-120%)		
N-Nitrosodipropylamine	1660			1440	ug/kg		87	(46%-113%)		
Naphthalene	1660			1390	ug/kg		84	(44%-105%)		
Nitrobenzene	1660			1420	ug/kg		86	(44%-106%)		
Pentachlorophenol	1660			1520	ug/kg		92	(36%-111%)		
Phenanthrene	1660			1490	ug/kg		90	(50%-114%)		
Phenol	1660			1380	ug/kg		84	(46%-107%)		
Pyrene	1660			1610	ug/kg		97	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1380	ug/kg		83	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1440	ug/kg		87	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1360	ug/kg		82	(44%-106%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
bis(2-Ethylhexyl)phthalate	1660			1540	ug/kg		93	(50%-134%)	BM1	03/20/26 12:32
m,p-Cresols	1660			1380	ug/kg		84	(46%-106%)		
m-Nitroaniline	1660			1340	ug/kg		81	(41%-108%)		
o-Cresol	1660			1350	ug/kg		82	(45%-105%)		
o-Nitroaniline	1660			1480	ug/kg		89	(48%-117%)		
p-Nitroaniline	1660			1520	ug/kg		92	(49%-119%)		
**2,4,6-Tribromophenol	3310			2840	ug/kg		86	(20%-104%)		
**2-Fluorobiphenyl	1660			1250	ug/kg		75	(20%-93%)		
**2-Fluorophenol	3310			2530	ug/kg		76	(19%-94%)		
**Nitrobenzene-d5	1660			1200	ug/kg		72	(19%-90%)		
**Phenol-d5	3310			2580	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1450	ug/kg		87	(24%-107%)		
QC1206412893 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/20/26 12:11
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg				BM1	03/20/26 12:11
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
4-Bromophenylphenylether			U	ND	ug/kg				BM1	03/20/26 12:11
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Benzo(ghi)perylene			U	ND	ug/kg				BM1	03/20/26 12:11
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Hexachlorobenzene			U	ND	ug/kg				BM1	03/20/26 12:11
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
bis(2-Chloroethoxy)methane			U	ND	ug/kg				BM1	03/20/26 12:11
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			2740	ug/kg		83	(20%-104%)		
**2-Fluorobiphenyl	1660			1350	ug/kg		81	(20%-93%)		
**2-Fluorophenol	3320			2580	ug/kg		78	(19%-94%)		
**Nitrobenzene-d5	1660			1260	ug/kg		76	(19%-90%)		
**Phenol-d5	3320			2570	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1440	ug/kg		87	(24%-107%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
QC1206412895 769001002 MS											
1,1'-Biphenyl	1880	U	ND		1110	ug/kg		59	(16%-112%)	BM1	03/20/26 14:34
1,2,4,5-Tetrachlorobenzene	1880	U	ND		1040	ug/kg		55	(16%-106%)		
2,3,4,6-Tetrachlorophenol	1880	U	ND		1160	ug/kg		61	(15%-114%)		
2,4,5-Trichlorophenol	1880	U	ND		1230	ug/kg		65	(16%-122%)		
2,4,6-Trichlorophenol	1880	U	ND		1280	ug/kg		68	(16%-112%)		
2,4-Dichlorophenol	1880	U	ND		1170	ug/kg		62	(15%-112%)		
2,4-Dimethylphenol	1880	U	ND		820	ug/kg		44	(17%-73%)		
2,4-Dinitrophenol	1880	U	ND	J	734	ug/kg		39	(19%-117%)		
2,4-Dinitrotoluene	1880	U	ND		1290	ug/kg		69	(15%-119%)		
2,6-Dinitrotoluene	1880	U	ND		1270	ug/kg		67	(14%-119%)		
2-Chloronaphthalene	1880	U	ND		1180	ug/kg		63	(15%-108%)		
2-Chlorophenol	1880	U	ND		1160	ug/kg		62	(17%-104%)		
2-Methyl-4,6-dinitrophenol	1880	U	ND		718	ug/kg		38	(10%-120%)		
2-Methylnaphthalene	1880	U	ND		1290	ug/kg		69	(16%-108%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
2-Nitrophenol	1880	U	ND		1130	ug/kg		60	(14%-107%)	BM1	03/20/26 14:34
3,3'-Dichlorobenzidine	1880	U	ND		597	ug/kg		32	(13%-95%)		
4-Bromophenylphenylether	1880	U	ND		1320	ug/kg		70	(16%-122%)		
4-Chloro-3-methylphenol	1880	U	ND		1230	ug/kg		65	(17%-116%)		
4-Chloroaniline	1880	U	ND		675	ug/kg		36	(16%-91%)		
4-Chlorophenylphenylether	1880	U	ND		1340	ug/kg		71	(16%-120%)		
4-Nitrophenol	1880	U	ND		910	ug/kg		48	(14%-122%)		
Acenaphthene	1880	U	ND		1250	ug/kg		66	(15%-114%)		
Acenaphthylene	1880	U	ND		1170	ug/kg		62	(16%-107%)		
Acetophenone	1880	U	ND		1070	ug/kg		57	(16%-97%)		
Anthracene	1880	U	ND		1340	ug/kg		71	(16%-119%)		
Atrazine	1880	U	ND		1250	ug/kg		66	(12%-144%)		
Benzaldehyde	1880	U	ND		388	ug/kg		21	(12%-103%)		
Benzo(a)anthracene	1880	J	17.3		1300	ug/kg		68	(16%-120%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2964568												
Benzo(a)pyrene	1880	J	16.6		1340	ug/kg		71	(16%-119%)	BM1	03/20/26	14:34
Benzo(b)fluoranthene	1880	J	24.9		1430	ug/kg		74	(16%-123%)			
Benzo(ghi)perylene	1880	U	ND		1390	ug/kg		74	(15%-127%)			
Benzo(k)fluoranthene	1880	U	ND		1360	ug/kg		72	(16%-126%)			
Butylbenzylphthalate	1880	U	ND		1480	ug/kg		79	(14%-135%)			
Carbazole	1880	U	ND		1370	ug/kg		73	(16%-123%)			
Chrysene	1880	J	12.4		1230	ug/kg		65	(17%-119%)			
Di-n-butylphthalate	1880	U	ND		1520	ug/kg		81	(16%-129%)			
Di-n-octylphthalate	1880	U	ND		1650	ug/kg		88	(16%-134%)			
Dibenzo(a,h)anthracene	1880	U	ND		1250	ug/kg		66	(16%-120%)			
Dibenzofuran	1880	U	ND		1280	ug/kg		68	(17%-114%)			
Diethylphthalate	1880	U	ND		1370	ug/kg		73	(16%-124%)			
Dimethylphthalate	1880	U	ND		1260	ug/kg		67	(16%-123%)			
Diphenylamine	1880	U	ND		1300	ug/kg		69	(18%-116%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
Fluoranthene	1880	J	21.9		1430	ug/kg		75	(17%-124%)	BM1	03/20/26 14:34
Fluorene	1880	U	ND		1310	ug/kg		69	(16%-119%)		
Hexachlorobenzene	1880	U	ND		1260	ug/kg		67	(18%-117%)		
Hexachlorobutadiene	1880	U	ND		1030	ug/kg		55	(15%-101%)		
Hexachlorocyclopentadiene	1880	U	ND		447	ug/kg		24	(16%-60%)		
Hexachloroethane	1880	U	ND		996	ug/kg		53	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1880	J	13.9		1310	ug/kg		69	(14%-125%)		
Isophorone	1880	U	ND		1270	ug/kg		67	(12%-116%)		
N-Nitrosodipropylamine	1880	U	ND		1290	ug/kg		69	(14%-113%)		
Naphthalene	1880	U	ND		1120	ug/kg		60	(15%-105%)		
Nitrobenzene	1880	U	ND		1190	ug/kg		63	(15%-105%)		
Pentachlorophenol	1880	U	ND		946	ug/kg		50	(11%-115%)		
Phenanthrene	1880	J	11.3		1300	ug/kg		69	(15%-120%)		
Phenol	1880	U	ND		1240	ug/kg		66	(16%-107%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
Pyrene	1880	J	20.4		1420	ug/kg		74	(15%-127%)	BM1	03/20/26 14:34
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		1230	ug/kg		65	(10%-110%)		
bis(2-Chloroethoxy)methane	1880	U	ND		1150	ug/kg		61	(16%-105%)		
bis(2-Chloroethyl) ether	1880	U	ND		1200	ug/kg		64	(14%-106%)		
bis(2-Ethylhexyl)phthalate	1880		42.6		1560	ug/kg		81	(15%-135%)		
m,p-Cresols	1880	U	ND		1220	ug/kg		65	(17%-106%)		
m-Nitroaniline	1880	U	ND		844	ug/kg		45	(15%-103%)		
o-Cresol	1880	U	ND		1200	ug/kg		64	(17%-104%)		
o-Nitroaniline	1880	U	ND		1340	ug/kg		71	(16%-116%)		
p-Nitroaniline	1880	U	ND		1130	ug/kg		60	(12%-118%)		
**2,4,6-Tribromophenol	3760		2940		2790	ug/kg		74	(20%-104%)		
**2-Fluorobiphenyl	1880		1310		1160	ug/kg		62	(20%-93%)		
**2-Fluorophenol	3760		2660		2400	ug/kg		64	(19%-94%)		
**Nitrobenzene-d5	1880		1270		1140	ug/kg		61	(19%-90%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
**Phenol-d5	3760		2730		2530	ug/kg			67	(20%-99%)	BM1	03/20/26 14:34
**p-Terphenyl-d14	1880		1440		1380	ug/kg			73	(24%-107%)		
QC1206412896 769001002 MSD												
1,1'-Biphenyl	1880	U	ND		778	ug/kg	35	*	41	(0%-30%)		03/20/26 14:54
1,2,4,5-Tetrachlorobenzene	1880	U	ND		714	ug/kg	37	*	38	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1880	U	ND		800	ug/kg	36	*	42	(0%-30%)		
2,4,5-Trichlorophenol	1880	U	ND		873	ug/kg	34	*	46	(0%-30%)		
2,4,6-Trichlorophenol	1880	U	ND		885	ug/kg	36	*	47	(0%-30%)		
2,4-Dichlorophenol	1880	U	ND		819	ug/kg	35	*	43	(0%-30%)		
2,4-Dimethylphenol	1880	U	ND		592	ug/kg	32	*	31	(0%-30%)		
2,4-Dinitrophenol	1880	U	ND	J	576	ug/kg	24		31	(0%-30%)		
2,4-Dinitrotoluene	1880	U	ND		861	ug/kg	40	*	46	(0%-30%)		
2,6-Dinitrotoluene	1880	U	ND		854	ug/kg	39	*	45	(0%-30%)		
2-Chloronaphthalene	1880	U	ND		821	ug/kg	36	*	44	(0%-30%)		
2-Chlorophenol	1880	U	ND		840	ug/kg	32	*	45	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
2-Methyl-4,6-dinitrophenol	1880	U	ND		390	ug/kg	59	*	21	(0%-30%)	BM1	03/20/26 14:54
2-Methylnaphthalene	1880	U	ND		905	ug/kg	35	*	48	(0%-30%)		
2-Nitrophenol	1880	U	ND		753	ug/kg	40	*	40	(0%-30%)		
3,3'-Dichlorobenzidine	1880	U	ND		560	ug/kg	6		30	(0%-30%)		
4-Bromophenylphenylether	1880	U	ND		932	ug/kg	35	*	50	(0%-30%)		
4-Chloro-3-methylphenol	1880	U	ND		867	ug/kg	35	*	46	(0%-30%)		
4-Chloroaniline	1880	U	ND		636	ug/kg	6		34	(0%-30%)		
4-Chlorophenylphenylether	1880	U	ND		947	ug/kg	35	*	50	(0%-30%)		
4-Nitrophenol	1880	U	ND	U	ND	ug/kg	200	*	0	* (0%-30%)		
Acenaphthene	1880	U	ND		873	ug/kg	36	*	46	(0%-30%)		
Acenaphthylene	1880	U	ND		819	ug/kg	35	*	44	(0%-30%)		
Acetophenone	1880	U	ND		765	ug/kg	33	*	41	(0%-30%)		
Anthracene	1880	U	ND		953	ug/kg	34	*	51	(0%-30%)		
Atrazine	1880	U	ND		809	ug/kg	43	*	43	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Benzaldehyde	1880	U	ND		603	ug/kg	43	*	32	(0%-30%)	BM1	03/20/26 14:54
Benzo(a)anthracene	1880	J	17.3		936	ug/kg	32	*	49	(0%-30%)		
Benzo(a)pyrene	1880	J	16.6		975	ug/kg	32	*	51	(0%-30%)		
Benzo(b)fluoranthene	1880	J	24.9		1010	ug/kg	34	*	53	(0%-30%)		
Benzo(ghi)perylene	1880	U	ND		1020	ug/kg	31	*	54	(0%-30%)		
Benzo(k)fluoranthene	1880	U	ND		996	ug/kg	31	*	53	(0%-30%)		
Butylbenzylphthalate	1880	U	ND		1030	ug/kg	35	*	55	(0%-30%)		
Carbazole	1880	U	ND		971	ug/kg	34	*	52	(0%-30%)		
Chrysene	1880	J	12.4		884	ug/kg	33	*	46	(0%-30%)		
Di-n-butylphthalate	1880	U	ND		1100	ug/kg	32	*	58	(0%-30%)		
Di-n-octylphthalate	1880	U	ND		1160	ug/kg	35	*	61	(0%-30%)		
Dibenzo(a,h)anthracene	1880	U	ND		921	ug/kg	30		49	(0%-30%)		
Dibenzofuran	1880	U	ND		890	ug/kg	36	*	47	(0%-30%)		
Diethylphthalate	1880	U	ND		967	ug/kg	35	*	51	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Dimethylphthalate	1880	U	ND		883	ug/kg	35	*	47	(0%-30%)	BM1	03/20/26 14:54
Diphenylamine	1880	U	ND		929	ug/kg	33	*	49	(0%-30%)		
Fluoranthene	1880	J	21.9		1030	ug/kg	32	*	54	(0%-30%)		
Fluorene	1880	U	ND		933	ug/kg	33	*	50	(0%-30%)		
Hexachlorobenzene	1880	U	ND		900	ug/kg	34	*	48	(0%-30%)		
Hexachlorobutadiene	1880	U	ND		688	ug/kg	40	*	37	(0%-30%)		
Hexachlorocyclopentadiene	1880	U	ND	J	180	ug/kg	85	*	10*	(0%-30%)		
Hexachloroethane	1880	U	ND		675	ug/kg	39	*	36	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1880	J	13.9		963	ug/kg	31	*	50	(0%-30%)		
Isophorone	1880	U	ND		853	ug/kg	39	*	45	(0%-30%)		
N-Nitrosodipropylamine	1880	U	ND		912	ug/kg	35	*	48	(0%-30%)		
Naphthalene	1880	U	ND		781	ug/kg	36	*	42	(0%-30%)		
Nitrobenzene	1880	U	ND		812	ug/kg	37	*	43	(0%-30%)		
Pentachlorophenol	1880	U	ND		723	ug/kg	27		38	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Phenanthrene	1880	J	11.3		929	ug/kg	33	*	49	(0%-30%)	BM1	03/20/26 14:54
Phenol	1880	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)		
Pyrene	1880	J	20.4		1020	ug/kg	33	*	53	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		854	ug/kg	36	*	45	(0%-30%)		
bis(2-Chloroethoxy)methane	1880	U	ND		795	ug/kg	37	*	42	(0%-30%)		
bis(2-Chloroethyl) ether	1880	U	ND		871	ug/kg	32	*	46	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1880		42.6		1110	ug/kg	34	*	57	(0%-30%)		
m,p-Cresols	1880	U	ND		884	ug/kg	32	*	47	(0%-30%)		
m-Nitroaniline	1880	U	ND		740	ug/kg	13		39	(0%-30%)		
o-Cresol	1880	U	ND		848	ug/kg	34	*	45	(0%-30%)		
o-Nitroaniline	1880	U	ND		904	ug/kg	39	*	48	(0%-30%)		
p-Nitroaniline	1880	U	ND		802	ug/kg	34	*	43	(0%-30%)		
**2,4,6-Tribromophenol	3760		2940		1920	ug/kg			51	(20%-104%)		
**2-Fluorobiphenyl	1880		1310		778	ug/kg			41	(20%-93%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
**2-Fluorophenol	3760	2660		1710	ug/kg			45	(19%-94%)	BM1	03/20/26 14:54
**Nitrobenzene-d5	1880	1270		761	ug/kg			40	(19%-90%)		
**Phenol-d5	3760	2730		1810	ug/kg			48	(20%-99%)		
**p-Terphenyl-d14	1880	1440		970	ug/kg			52	(24%-107%)		
Spectrometric Analysis											
Batch 2960871											
QC1206406205 768011002 DUP											
Hexavalent Chromium		0.0170		0.0159	mg/L	6.69	^		(+/-0.0100)	BR2	03/12/26 17:46
QC1206406204 LCS											
Hexavalent Chromium	0.0472			0.0499	mg/L			106	(85%-115%)		03/12/26 17:46
QC1206406203 MB											
Hexavalent Chromium			U	ND	mg/L						03/12/26 17:46
QC1206406206 768011002 MS											
Hexavalent Chromium	0.0472	0.0170		0.0664	mg/L			105	(85%-115%)		03/12/26 17:46
Batch 2962940											
QC1206410022 767984004 DUP											
Hexavalent Chromium		0.502		0.502	mg/kg	0.0205	^		(+/-0.310)	BR2	03/25/26 12:42
QC1206410024 ILCS											
Hexavalent Chromium	6.99			6.93	mg/kg			99.1	(80%-120%)		03/25/26 12:42
QC1206410019 LCS											
Hexavalent Chromium	3.44			3.32	mg/kg			96.5	(80%-120%)		03/25/26 12:42

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis										
Batch 2962940										
QC1206410018 MB										
Hexavalent Chromium			U	ND	mg/kg				BR2	03/25/26 12:42
QC1206410023 767984004 MS										
Hexavalent Chromium	3.10	0.502		3.31	mg/kg		90.5	(75%-125%)		03/25/26 12:42
Volatile-GC/MS										
Batch 2967250										
QC1206419148 LCS										
1,1,1-Trichloroethane	50.0			49.2	ug/L		98	(70%-130%)	JEB	03/26/26 07:26
1,1,2,2-Tetrachloroethane	50.0			66.7	ug/L		133*	(70%-130%)		
1,1,2-Trichloroethane	50.0			60.0	ug/L		120	(70%-130%)		
1,1-Dichloroethane	50.0			55.9	ug/L		112	(70%-130%)		
1,1-Dichloroethylene	50.0			59.9	ug/L		120	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			41.4	ug/L		83	(70%-130%)		
1,2-Dibromoethane	50.0			57.9	ug/L		116	(70%-130%)		
1,2-Dichlorobenzene	50.0			51.4	ug/L		103	(70%-130%)		
1,2-Dichloroethane	50.0			45.8	ug/L		92	(70%-130%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dichloropropane	50.0			59.7	ug/L		119	(70%-130%)	JEB	03/26/26 07:26
1,3-Dichlorobenzene	50.0			52.7	ug/L		105	(70%-130%)		
1,4-Dichlorobenzene	50.0			52.3	ug/L		105	(70%-130%)		
2-Butanone	250			280	ug/L		112	(70%-130%)		
2-Hexanone	250			298	ug/L		119	(70%-130%)		
4-Methyl-2-pentanone	250			311	ug/L		125	(70%-130%)		
Acetone	250			207	ug/L		83	(70%-130%)		
Benzene	50.0			54.9	ug/L		110	(70%-130%)		
Bromochloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Bromodichloromethane	50.0			56.4	ug/L		113	(70%-130%)		
Bromoform	50.0			49.2	ug/L		98	(70%-130%)		
Bromomethane	50.0			45.0	ug/L		90	(70%-130%)		
Carbon disulfide	250			289	ug/L		116	(70%-130%)		
Carbon tetrachloride	50.0			50.0	ug/L		100	(70%-130%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Chlorobenzene	50.0			51.7	ug/L		103	(70%-130%)	JEB	03/26/26 07:26
Chloroethane	50.0			58.1	ug/L		116	(70%-130%)		
Chloroform	50.0			50.2	ug/L		100	(70%-130%)		
Chloromethane	50.0			44.4	ug/L		89	(70%-130%)		
Cyclohexane	50.0			60.7	ug/L		121	(70%-130%)		
Dibromochloromethane	50.0			47.4	ug/L		95	(70%-130%)		
Dichlorodifluoromethane	50.0			53.9	ug/L		108	(70%-130%)		
Ethylbenzene	50.0			53.6	ug/L		107	(70%-130%)		
Isopropylbenzene	50.0			62.3	ug/L		125	(70%-130%)		
Methyl acetate	250			288	ug/L		115	(70%-130%)		
Methylcyclohexane	50.0			55.9	ug/L		112	(70%-130%)		
Methylene chloride	50.0			51.4	ug/L		103	(70%-130%)		
Styrene	50.0			55.4	ug/L		111	(70%-130%)		
Tetrachloroethylene	50.0			49.7	ug/L		99	(70%-130%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Toluene	50.0			54.9	ug/L		110	(70%-130%)	JEB	03/26/26 07:26
Trichloroethylene	50.0			52.3	ug/L		105	(70%-130%)		
Trichlorofluoromethane	50.0			43.4	ug/L		87	(70%-130%)		
Vinyl chloride	50.0			44.8	ug/L		90	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			53.1	ug/L		106	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			61.7	ug/L		123	(70%-130%)		
m,p-Xylenes	100			107	ug/L		107	(70%-130%)		
o-Xylene	50.0			52.6	ug/L		105	(70%-130%)		
tert-Butyl methyl ether	50.0			52.6	ug/L		105	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			55.4	ug/L		111	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			54.9	ug/L		110	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			42.7	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0			53.5	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			48.3	ug/L		97	(77%-121%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
QC1206419149 LCS										
1,4-Dioxane	2500			1490	ug/L		60*	(70%-130%)	JEB	03/26/26 08:17
Trichlorotrifluoroethane	250			199	ug/L		80	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			41.9	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0			52.6	ug/L		105	(77%-123%)		
**Toluene-d8	50.0			46.8	ug/L		94	(77%-121%)		
QC1206419150 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/26/26 09:08
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dichlorobenzene			U	ND	ug/L				JEB	03/26/26 09:08
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Bromomethane			U	ND	ug/L				JEB	03/26/26 09:08
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Methylene chloride			U	ND	ug/L				JEB	03/26/26 09:08
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
trans-1,3-Dichloropropylene				U	ND	ug/L				JEB	03/26/26 09:08
**1,2-Dichloroethane-d4	50.0				41.1	ug/L		82	(71%-131%)		
**Bromofluorobenzene	50.0				48.1	ug/L		96	(77%-123%)		
**Toluene-d8	50.0				47.6	ug/L		95	(77%-121%)		
QC1206417830 769194001 MS											
1,1,1-Trichloroethane	50.0	U	ND		41.3	ug/L		83	(60%-123%)		03/26/26 12:30
1,1,2,2-Tetrachloroethane	50.0	U	ND		59.2	ug/L		118	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		52.9	ug/L		106	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		50.9	ug/L		102	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		40.1	ug/L		80	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		39.0	ug/L		78	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		38.6	ug/L		77	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		51.7	ug/L		103	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		43.4	ug/L		87	(58%-123%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
1,2-Dichloroethane	50.0	U	ND		40.7	ug/L		81	(58%-130%)	JEB	03/26/26	12:30
1,2-Dichloropropane	50.0	U	ND		51.9	ug/L		104	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		43.2	ug/L		86	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		43.1	ug/L		86	(54%-123%)			
2-Butanone	250	U	ND		268	ug/L		107	(59%-136%)			
2-Hexanone	250	U	ND		302	ug/L		121	(58%-145%)			
4-Methyl-2-pentanone	250	U	ND		299	ug/L		120	(63%-135%)			
Acetone	250	U	ND		195	ug/L		78	(50%-140%)			
Benzene	50.0	U	ND		47.3	ug/L		95	(64%-119%)			
Bromochloromethane	50.0	U	ND		43.2	ug/L		86	(63%-130%)			
Bromodichloromethane	50.0	U	ND		48.6	ug/L		97	(65%-125%)			
Bromoform	50.0	U	ND		41.9	ug/L		84	(49%-129%)			
Bromomethane	50.0	U	ND		41.2	ug/L		82	(55%-154%)			
Carbon disulfide	250	U	ND		244	ug/L		98	(60%-139%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Carbon tetrachloride	50.0	U	ND		41.9	ug/L		84	(60%-127%)	JEB	03/26/26	12:30
Chlorobenzene	50.0	U	ND		44.2	ug/L		88	(61%-120%)			
Chloroethane	50.0	U	ND		53.4	ug/L		107	(60%-138%)			
Chloroform	50.0	U	ND		43.8	ug/L		88	(64%-122%)			
Chloromethane	50.0	U	ND		37.9	ug/L		76	(43%-161%)			
Cyclohexane	50.0	U	ND		51.2	ug/L		102	(51%-125%)			
Dibromochloromethane	50.0	U	ND		41.3	ug/L		83	(60%-130%)			
Dichlorodifluoromethane	50.0	U	ND		43.9	ug/L		88	(37%-162%)			
Ethylbenzene	50.0	U	ND		45.2	ug/L		90	(57%-122%)			
Isopropylbenzene	50.0	U	ND		51.0	ug/L		102	(53%-128%)			
Methyl acetate	250	U	ND		265	ug/L		106	(58%-145%)			
Methylcyclohexane	50.0	U	ND		47.5	ug/L		95	(58%-122%)			
Methylene chloride	50.0	U	ND		44.1	ug/L		88	(61%-135%)			
Styrene	50.0	U	ND		47.5	ug/L		95	(55%-125%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Tetrachloroethylene	50.0	U	ND		41.5	ug/L		83	(53%-124%)	JEB	03/26/26	12:30
Toluene	50.0	U	ND		47.0	ug/L		94	(60%-120%)			
Trichloroethylene	50.0	U	ND		44.9	ug/L		90	(59%-126%)			
Trichlorofluoromethane	50.0	U	ND		39.4	ug/L		79	(51%-134%)			
Vinyl chloride	50.0	U	ND		39.4	ug/L		79	(42%-155%)			
cis-1,2-Dichloroethylene	50.0	U	ND		45.4	ug/L		91	(65%-124%)			
cis-1,3-Dichloropropylene	50.0	U	ND		52.0	ug/L		104	(61%-123%)			
m,p-Xylenes	100	U	ND		89.9	ug/L		90	(58%-122%)			
o-Xylene	50.0	U	ND		45.2	ug/L		90	(59%-123%)			
tert-Butyl methyl ether	50.0	U	ND		44.3	ug/L		89	(60%-124%)			
trans-1,2-Dichloroethylene	50.0	U	ND		47.5	ug/L		95	(64%-127%)			
trans-1,3-Dichloropropylene	50.0	U	ND		45.7	ug/L		91	(62%-127%)			
**1,2-Dichloroethane-d4	50.0		43.4		43.1	ug/L		86	(71%-131%)			
**Bromofluorobenzene	50.0		48.1		50.9	ug/L		102	(77%-123%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
**Toluene-d8	50.0		46.8		47.6	ug/L		95	(77%-121%)	JEB	03/26/26 12:30
QC1206417832 769194001 MS											
1,4-Dioxane	2500	U	ND		1660	ug/L		66	(50%-136%)		03/26/26 13:21
Trichlorotrifluoroethane	250	U	ND		194	ug/L		78	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.9	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		47.1	ug/L		94	(77%-121%)		
QC1206417831 769194001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.1	ug/L	7	88	(0%-20%)		03/26/26 12:56
1,1,2,2-Tetrachloroethane	50.0	U	ND		61.2	ug/L	3	122	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		53.9	ug/L	2	108	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		50.8	ug/L	4	102	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		53.6	ug/L	5	107	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		44.5	ug/L	10	89	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		42.4	ug/L	8	85	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
1,2-Dibromo-3-chloropropane	50.0	U	ND		40.7	ug/L	5	81	(0%-20%)	JEB	03/26/26 12:56
1,2-Dibromoethane	50.0	U	ND		52.1	ug/L	1	104	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		45.6	ug/L	5	91	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		41.4	ug/L	2	83	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		53.4	ug/L	3	107	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		45.1	ug/L	4	90	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		44.9	ug/L	4	90	(0%-20%)		
2-Butanone	250	U	ND		266	ug/L	1	106	(0%-20%)		
2-Hexanone	250	U	ND		290	ug/L	4	116	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		296	ug/L	1	119	(0%-20%)		
Acetone	250	U	ND		198	ug/L	1	79	(0%-20%)		
Benzene	50.0	U	ND		49.3	ug/L	4	99	(0%-20%)		
Bromochloromethane	50.0	U	ND		44.6	ug/L	3	89	(0%-20%)		
Bromodichloromethane	50.0	U	ND		50.5	ug/L	4	101	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
Bromoform	50.0	U	ND		43.8	ug/L	4	88	(0%-20%)	JEB	03/26/26 12:56
Bromomethane	50.0	U	ND		44.2	ug/L	7	88	(0%-20%)		
Carbon disulfide	250	U	ND		257	ug/L	5	103	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		44.5	ug/L	6	89	(0%-20%)		
Chlorobenzene	50.0	U	ND		45.7	ug/L	3	91	(0%-20%)		
Chloroethane	50.0	U	ND		56.7	ug/L	6	113	(0%-20%)		
Chloroform	50.0	U	ND		45.7	ug/L	4	91	(0%-20%)		
Chloromethane	50.0	U	ND		40.3	ug/L	6	81	(0%-20%)		
Cyclohexane	50.0	U	ND		54.5	ug/L	6	109	(0%-20%)		
Dibromochloromethane	50.0	U	ND		42.5	ug/L	3	85	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		46.8	ug/L	6	94	(0%-20%)		
Ethylbenzene	50.0	U	ND		47.4	ug/L	5	95	(0%-20%)		
Isopropylbenzene	50.0	U	ND		55.6	ug/L	9	111	(0%-20%)		
Methyl acetate	250	U	ND		265	ug/L	0	106	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Methylcyclohexane	50.0	U	ND		50.1	ug/L	5	100	(0%-20%)	JEB	03/26/26	12:56
Methylene chloride	50.0	U	ND		46.3	ug/L	5	93	(0%-20%)			
Styrene	50.0	U	ND		48.4	ug/L	2	97	(0%-20%)			
Tetrachloroethylene	50.0	U	ND		43.2	ug/L	4	86	(0%-20%)			
Toluene	50.0	U	ND		49.1	ug/L	4	98	(0%-20%)			
Trichloroethylene	50.0	U	ND		46.8	ug/L	4	94	(0%-20%)			
Trichlorofluoromethane	50.0	U	ND		41.9	ug/L	6	84	(0%-20%)			
Vinyl chloride	50.0	U	ND		41.7	ug/L	6	83	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND		47.6	ug/L	5	95	(0%-20%)			
cis-1,3-Dichloropropylene	50.0	U	ND		53.6	ug/L	3	107	(0%-20%)			
m,p-Xylenes	100	U	ND		93.9	ug/L	4	94	(0%-20%)			
o-Xylene	50.0	U	ND		47.2	ug/L	4	94	(0%-20%)			
tert-Butyl methyl ether	50.0	U	ND		46.6	ug/L	5	93	(0%-20%)			
trans-1,2-Dichloroethylene	50.0	U	ND		49.9	ug/L	5	100	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
trans-1,3-Dichloropropylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)	JEB	03/26/26 12:56
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.7	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		46.8		47.4	ug/L		95	(77%-121%)		
QC1206417833 769194001 MSD											
1,4-Dioxane	2500	U	ND		1560	ug/L	6	62	(0%-20%)		03/26/26 13:46
Trichlorotrifluoroethane	250	U	ND		210	ug/L	8	84	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.0	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		52.2	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		48.4	ug/L		97	(77%-121%)		
Batch 2967540											
QC1206418278 LCS											
1,1,1-Trichloroethane	50.0				46.5	ug/kg		93	(72%-126%)	PXY1	03/25/26 09:42
1,1,2,2-Tetrachloroethane	50.0				49.3	ug/kg		99	(69%-120%)		
1,1,2-Trichloroethane	50.0				48.1	ug/kg		96	(74%-120%)		
1,1-Dichloroethane	50.0				51.8	ug/kg		104	(72%-126%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
1,1-Dichloroethylene	50.0			52.7	ug/kg		105	(71%-136%)	PXY1	03/25/26 09:42
1,2,3-Trichlorobenzene	50.0			51.7	ug/kg		103	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			48.8	ug/kg		98	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			47.1	ug/kg		94	(60%-135%)		
1,2-Dibromoethane	50.0			48.5	ug/kg		97	(79%-120%)		
1,2-Dichlorobenzene	50.0			48.0	ug/kg		96	(73%-120%)		
1,2-Dichloroethane	50.0			47.4	ug/kg		95	(66%-123%)		
1,2-Dichloropropane	50.0			48.8	ug/kg		98	(72%-120%)		
1,3-Dichlorobenzene	50.0			47.6	ug/kg		95	(72%-120%)		
1,4-Dichlorobenzene	50.0			46.5	ug/kg		93	(72%-120%)		
2-Butanone	250			252	ug/kg		101	(66%-125%)		
2-Hexanone	250			278	ug/kg		111	(64%-131%)		
4-Methyl-2-pentanone	250			268	ug/kg		107	(70%-126%)		
Acetone	250			257	ug/kg		103	(60%-124%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Benzene	50.0			47.8	ug/kg		96	(73%-120%)	PXY1	03/25/26 09:42
Bromochloromethane	50.0			48.7	ug/kg		97	(73%-123%)		
Bromodichloromethane	50.0			47.6	ug/kg		95	(74%-124%)		
Bromoform	50.0			47.9	ug/kg		96	(64%-126%)		
Bromomethane	50.0			48.3	ug/kg		97	(67%-138%)		
Carbon disulfide	250			271	ug/kg		109	(69%-136%)		
Carbon tetrachloride	50.0			46.4	ug/kg		93	(72%-132%)		
Chlorobenzene	50.0			47.7	ug/kg		95	(74%-120%)		
Chloroethane	50.0			49.5	ug/kg		99	(69%-133%)		
Chloroform	50.0			48.4	ug/kg		97	(72%-122%)		
Chloromethane	50.0			62.4	ug/kg		125	(53%-142%)		
Cyclohexane	50.0			53.0	ug/kg		106	(63%-130%)		
Dibromochloromethane	50.0			48.7	ug/kg		97	(73%-125%)		
Dichlorodifluoromethane	50.0			42.7	ug/kg		85	(57%-150%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Ethylbenzene	50.0			49.4	ug/kg		99	(72%-120%)	PXY1	03/25/26 09:42
Isopropylbenzene	50.0			49.1	ug/kg		98	(74%-129%)		
Methyl acetate	250			267	ug/kg		107	(66%-131%)		
Methylcyclohexane	50.0			49.8	ug/kg		100	(71%-127%)		
Methylene chloride	50.0			50.2	ug/kg		100	(71%-124%)		
Styrene	50.0			53.0	ug/kg		106	(70%-123%)		
Tetrachloroethylene	50.0			47.2	ug/kg		94	(68%-126%)		
Toluene	50.0			47.4	ug/kg		95	(73%-120%)		
Trichloroethylene	50.0			45.6	ug/kg		91	(74%-122%)		
Trichlorofluoromethane	50.0			45.1	ug/kg		90	(66%-137%)		
Vinyl chloride	50.0			59.4	ug/kg		119	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			51.3	ug/kg		103	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			47.3	ug/kg		95	(74%-123%)		
m,p-Xylenes	100			101	ug/kg		101	(72%-121%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
o-Xylene	50.0			51.0	ug/kg		102	(73%-120%)	PXY1	03/25/26 09:42
tert-Butyl methyl ether	50.0			49.5	ug/kg		99	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			52.9	ug/kg		106	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			49.5	ug/kg		99	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			47.5	ug/L		95	(75%-131%)		
**Bromofluorobenzene	50.0			44.9	ug/L		90	(67%-136%)		
**Toluene-d8	50.0			47.3	ug/L		95	(79%-122%)		
QC1206418280 LCS										
1,4-Dioxane	2500			2100	ug/kg		84	(57%-134%)		03/25/26 10:38
Trichlorotrifluoroethane	250			253	ug/kg		101	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			47.0	ug/L		94	(75%-131%)		
**Bromofluorobenzene	50.0			52.0	ug/L		104	(67%-136%)		
**Toluene-d8	50.0			46.2	ug/L		92	(79%-122%)		
QC1206418279 LCSD										
1,1,1-Trichloroethane	50.0			45.1	ug/kg	3	90	(0%-20%)		03/25/26 10:10
1,1,2,2-Tetrachloroethane	50.0			49.6	ug/kg	1	99	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2967540											
1,1,2-Trichloroethane	50.0			49.2	ug/kg	2	98	(0%-20%)	PXY1	03/25/26	10:10
1,1-Dichloroethane	50.0			49.1	ug/kg	5	98	(0%-20%)			
1,1-Dichloroethylene	50.0			50.2	ug/kg	5	100	(0%-20%)			
1,2,3-Trichlorobenzene	50.0			55.0	ug/kg	6	110	(0%-20%)			
1,2,4-Trichlorobenzene	50.0			52.4	ug/kg	7	105	(0%-20%)			
1,2-Dibromo-3-chloropropane	50.0			50.5	ug/kg	7	101	(0%-20%)			
1,2-Dibromoethane	50.0			48.8	ug/kg	1	98	(0%-20%)			
1,2-Dichlorobenzene	50.0			48.9	ug/kg	2	98	(0%-20%)			
1,2-Dichloroethane	50.0			46.4	ug/kg	2	93	(0%-20%)			
1,2-Dichloropropane	50.0			48.5	ug/kg	1	97	(0%-20%)			
1,3-Dichlorobenzene	50.0			47.4	ug/kg	0	95	(0%-20%)			
1,4-Dichlorobenzene	50.0			46.5	ug/kg	0	93	(0%-20%)			
2-Butanone	250			257	ug/kg	2	103	(0%-20%)			
2-Hexanone	250			278	ug/kg	0	111	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
4-Methyl-2-pentanone	250			275	ug/kg	3	110	(0%-20%)	PXY1	03/25/26 10:10
Acetone	250			253	ug/kg	2	101	(0%-20%)		
Benzene	50.0			46.8	ug/kg	2	94	(0%-20%)		
Bromochloromethane	50.0			47.7	ug/kg	2	95	(0%-20%)		
Bromodichloromethane	50.0			47.6	ug/kg	0	95	(0%-20%)		
Bromoform	50.0			47.9	ug/kg	0	96	(0%-20%)		
Bromomethane	50.0			46.8	ug/kg	3	94	(0%-20%)		
Carbon disulfide	250			255	ug/kg	6	102	(0%-20%)		
Carbon tetrachloride	50.0			44.5	ug/kg	4	89	(0%-20%)		
Chlorobenzene	50.0			46.9	ug/kg	2	94	(0%-20%)		
Chloroethane	50.0			47.6	ug/kg	4	95	(0%-20%)		
Chloroform	50.0			46.5	ug/kg	4	93	(0%-20%)		
Chloromethane	50.0			58.9	ug/kg	6	118	(0%-20%)		
Cyclohexane	50.0			51.2	ug/kg	4	102	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Dibromochloromethane	50.0			49.6	ug/kg	2	99	(0%-20%)	PXY1	03/25/26 10:10
Dichlorodifluoromethane	50.0			40.4	ug/kg	6	81	(0%-20%)		
Ethylbenzene	50.0			48.6	ug/kg	2	97	(0%-20%)		
Isopropylbenzene	50.0			50.1	ug/kg	2	100	(0%-20%)		
Methyl acetate	250			262	ug/kg	2	105	(0%-20%)		
Methylcyclohexane	50.0			48.6	ug/kg	2	97	(0%-20%)		
Methylene chloride	50.0			48.2	ug/kg	4	96	(0%-20%)		
Styrene	50.0			51.7	ug/kg	3	103	(0%-20%)		
Tetrachloroethylene	50.0			47.2	ug/kg	0	94	(0%-20%)		
Toluene	50.0			47.7	ug/kg	1	95	(0%-20%)		
Trichloroethylene	50.0			45.4	ug/kg	0	91	(0%-20%)		
Trichlorofluoromethane	50.0			43.3	ug/kg	4	87	(0%-20%)		
Vinyl chloride	50.0			57.2	ug/kg	4	114	(0%-20%)		
cis-1,2-Dichloroethylene	50.0			49.5	ug/kg	4	99	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967540											
cis-1,3-Dichloropropylene	50.0			49.4	ug/kg	4		99	(0%-20%)	PXY1	03/25/26 10:10
m,p-Xylenes	100			99.2	ug/kg	2		99	(0%-20%)		
o-Xylene	50.0			50.5	ug/kg	1		101	(0%-20%)		
tert-Butyl methyl ether	50.0			49.4	ug/kg	0		99	(0%-20%)		
trans-1,2-Dichloroethylene	50.0			50.1	ug/kg	5		100	(0%-20%)		
trans-1,3-Dichloropropylene	50.0			50.2	ug/kg	1		100	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			47.4	ug/L			95	(75%-131%)		
**Bromofluorobenzene	50.0			45.8	ug/L			92	(67%-136%)		
**Toluene-d8	50.0			48.9	ug/L			98	(79%-122%)		
QC1206418281 LCSD											
1,4-Dioxane	2500			2610	ug/kg	22	*	104	(0%-20%)		03/25/26 11:06
Trichlorotrifluoroethane	250			244	ug/kg	3		98	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			47.7	ug/L			95	(75%-131%)		
**Bromofluorobenzene	50.0			51.0	ug/L			102	(67%-136%)		
**Toluene-d8	50.0			46.1	ug/L			92	(79%-122%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
QC1206418282 MB										
1,1,1-Trichloroethane			U	ND	ug/kg				PXY1	03/25/26 12:02
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
1,4-Dioxane			U	ND	ug/kg				PXY1	03/25/26 12:02
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Chloroform			U	ND	ug/kg				PXY1	03/25/26 12:02
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Trichlorofluoromethane			U	ND	ug/kg				PXY1	03/25/26 12:02
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			50.2	ug/L		100	(75%-131%)		
**Bromofluorobenzene	50.0			43.9	ug/L		88	(67%-136%)		
**Toluene-d8	50.0			48.2	ug/L		96	(79%-122%)		

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

J	J	Value is estimated
B	B	The target analyte was detected in the associated blank.
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

GEL Laboratories LLC
Chemistry | Radiochemistry | Radiobioassay | Specialty Analytics
gel.com

Chain of Custody and Analytical Request

GEL Work Order Number: 768213
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Front St. Georgetown, SC
Collected By: Client (BP13)
Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Radioactive (Please supply isotopic info.)	(7) Known or possible hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL metals	Total Cr6	Dissolved TAL metals *	Dissolved Cr6 *	TCL VOCs	Cr6, TAL Metals, TCL SVOCs			<-- Preservative Type (6)
						Should this sample be considered:			HA		NI		NF						
LS-TB-031226	03-12-26	1130	TB	N	~~SO~~ DI			3	3										
LS-SW-04	↓	1140	G	Y*	SW			9	3	2	1	1	1	1					* Dissolved TAL metals + Cr6 filtered in field
LS-SW-03		1310	G	Y*	SW			9	3	2	1	1	1	1					
LS-SW-02		1340	G	Y*	SW			9	3	2	1	1	1	1					
LS-SD-02	↓	1420	G	N	SO			5							4	1			

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	3-12-26	1645	[signature]	3/12/26	1645
2						
3						

TAT Requested: Normal: ✓ Rush: ____ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No ***Cooler Temp:*** 1 °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other: _____

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B/7470A* - **1**).

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) *Are there any known or possible hazards associated with these samples?*

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Miscellaneous RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 768213	GEL PM:
Received By: EG	Date Received at GEL: 3/12/26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR5-23 Daily Calibration Performed? (Y)N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
	1				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 3/13/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 768213

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2967250

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213001	LS-TB-031226
768213002	LS-SW-04
768213004	LS-SW-03
768213006	LS-SW-02
1206417830	769194001(NonSDG) Matrix Spike (MS) **Batch 2967250**
1206417831	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206417832	769194001(NonSDG) Matrix Spike (MS)
1206417833	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206419148	Laboratory Control Sample (LCS)
1206419149	Laboratory Control Sample (LCS)
1206419150	Method Blank (MB)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206419148 (LCS)	1, 1, 2, 2-Tetrachloroethane	133* (70%-130%)

The LCS recoveries for 1,4-Dioxane were not within the acceptance limits. The data are reported at the client’s

request.

Sample	Analyte	Value
1206419149 (LCS)	1, 4-Dioxane	60* (70%-130%)

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2967540

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2967539

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206418278	Laboratory Control Sample (LCS) **Batch 2967540**
1206418279	Laboratory Control Sample Duplicate (LCSD)
1206418280	Laboratory Control Sample (LCS)
1206418281	Laboratory Control Sample Duplicate (LCSD)
1206418282	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCS/LCSD pair were analyzed in order to demonstrate precision and accuracy.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD between the LCS/LCSD pair (See Below) were not all within the acceptance limits.

Sample	Analyte	Value
1206418280 (LCS) and 1206418281 (LCSD)	1, 4-Dioxane	RPD 22* (0%-20%)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2962635

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2962628

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213002	LS-SW-04
768213004	LS-SW-03
768213006	LS-SW-02
1206409548	Method Blank (MB) **Batch 2962635**
1206409549	Laboratory Control Sample (LCS)
1206409550	768399001(NonSDG) Matrix Spike (MS)
1206409551	768399001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples 768213002 (LS-SW-04), 768213004 (LS-SW-03) and 768213006 (LS-SW-02) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8270 outlier acceptance criteria. If required, a CRDL was analyzed after the CCVs to demonstrate that there is adequate sensitivity to detect the failed compounds at the applicable lower quantitation limit.

Quality Control (QC) Information

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206409550MS and 1206409551MSD (Non SDG 768399001)	4-Chloroaniline	RPD 43* (0%-30%)

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
1206409551 (Non SDG 768399001MSD)	Benzo(ghi)perylene	Result 78.8ug/L

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2964568

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2964565

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206412893	Method Blank (MB) **Batch 2964568**
1206412894	Laboratory Control Sample (LCS)
1206412895	769001002(LS-SB-20-1.0) Matrix Spike (MS)
1206412896	769001002(LS-SB-20-1.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value

1206412894 (LCS)	Benzaldehyde	13* (21%-89%)

Spike Recovery Statement
The MS and/or MSD (See Below) spike recoveries were not within the acceptance limits. The associated MS or MSD passed recoveries, as did the LCS. It appears that the low spike recoveries were isolated to the MS or MSD only and were the result of a poor extraction.

Sample	Analyte	Value
1206412896 (LS-SB-20-1.0MSD)	Phenol	0* (16%-107%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206412896 (LS-SB-20-1.0MSD)	4-Nitrophenol	0* (14%-122%)
	Hexachlorocyclopentadiene	10* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	1, 1'-Biphenyl	RPD 35* (0%-30%)
	1, 2, 4, 5-Tetrachlorobenzene	RPD 37* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 36* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 34* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 36* (0%-30%)
	2, 4-Dichlorophenol	RPD 35* (0%-30%)
	2, 4-Dimethylphenol	RPD 32* (0%-30%)
	2, 4-Dinitrotoluene	RPD 40* (0%-30%)
	2, 6-Dinitrotoluene	RPD 39* (0%-30%)
	2-Chloronaphthalene	RPD 36* (0%-30%)
	2-Chlorophenol	RPD 32* (0%-30%)

	2-Methyl-4, 6-dinitrophenol	RPD 59* (0%-30%)
	2-Methylnaphthalene	RPD 35* (0%-30%)
	2-Nitrophenol	RPD 40* (0%-30%)
	4-Bromophenylphenylether, 4-Chloro-3-methylphenol, 4-Chlorophenylphenylether	RPD 35* (0%-30%)
	Acenaphthene	RPD 36* (0%-30%)
	Acenaphthylene	RPD 35* (0%-30%)
	Acetophenone	RPD 33* (0%-30%)
	Anthracene	RPD 34* (0%-30%)
	Atrazine, Benzaldehyde	RPD 43* (0%-30%)
	Benzo(a)anthracene, Benzo(a)pyrene	RPD 32* (0%-30%)
	Benzo(b)fluoranthene	RPD 34* (0%-30%)
	Benzo(ghi)perylene, Benzo(k)fluoranthene	RPD 31* (0%-30%)
	Butylbenzylphthalate	RPD 35* (0%-30%)
	Carbazole	RPD 34* (0%-30%)
	Chrysene	RPD 33* (0%-30%)
	Di-n-butylphthalate	RPD 32* (0%-30%)
	Di-n-octylphthalate	RPD 35* (0%-30%)
	Dibenzofuran	RPD 36* (0%-30%)
	Diethylphthalate, Dimethylphthalate	RPD 35* (0%-30%)
	Diphenylamine	RPD 33* (0%-30%)
	Fluoranthene	RPD 32* (0%-30%)
	Fluorene	RPD 33* (0%-30%)
	Hexachlorobenzene	RPD 34* (0%-30%)

	Hexachlorobutadiene	RPD 40* (0%-30%)
	Hexachloroethane	RPD 39* (0%-30%)
	Indeno(1, 2, 3-cd)pyrene	RPD 31* (0%-30%)
	Isophorone	RPD 39* (0%-30%)
	N-Nitrosodipropylamine	RPD 35* (0%-30%)
	Naphthalene	RPD 36* (0%-30%)
	Nitrobenzene	RPD 37* (0%-30%)
	Phenanthrene, Pyrene	RPD 33* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 36* (0%-30%)
	bis(2-Chloroethoxy)methane	RPD 37* (0%-30%)
	bis(2-Chloroethyl) ether	RPD 32* (0%-30%)
	bis(2-Ethylhexyl)phthalate	RPD 34* (0%-30%)
	m, p-Cresols	RPD 32* (0%-30%)
	o-Cresol	RPD 34* (0%-30%)
	o-Nitroaniline	RPD 39* (0%-30%)
	p-Nitroaniline	RPD 34* (0%-30%)

The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	Phenol	RPD 200* (0%-30%)

The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	4-Nitrophenol	RPD 200* (0%-30%)
	Hexachlorocyclopentadiene	RPD 85* (0%-30%)

Technical Information

Sample Re-extraction/Re-analysis
Sample 768213008 (LS-SD-02) was re-extracted within holding due to the initial extraction being biphasic and had no surrogate recovery. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2961123

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2961122

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213002	LS-SW-04
768213003	LS-SW-04 Field Filtered
768213004	LS-SW-03
768213005	LS-SW-03 Field Filtered
768213006	LS-SW-02
768213007	LS-SW-02 Field Filtered
1206406705	Method Blank (MB)**ICP Batch 2961123**
1206406706	Laboratory Control Sample (LCS)
1206406710	768213002(LS-SW-04L) Serial Dilution (SD)
1206406707	768213002(LS-SW-04S) Matrix Spike (MS)
1206406708	768213002(LS-SW-04SD) Matrix Spike Duplicate (MSD)
1206406709	768213002(LS-SW-04PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206406707 (LS-SW-04MS)	Iron	21.8* (75%-125%)
1206406708 (LS-SW-04MSD)	Iron	-24.2* (75%-125%)

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2961125

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2961124

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206406711	Method Blank (MB)**ICP Batch 2961125**
1206406712	Laboratory Control Sample (LCS)
1206406716	768213008(LS-SD-02L) Serial Dilution (SD)
1206406713	768213008(LS-SD-02S) Matrix Spike (MS)
1206406714	768213008(LS-SD-02SD) Matrix Spike Duplicate (MSD)
1206406715	768213008(LS-SD-02PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is

less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206406713 (LS-SD-02MS)	Aluminum	219* (75%-125%)
	Potassium	67.7* (75%-125%)
	Vanadium	138* (75%-125%)
1206406714 (LS-SD-02MSD)	Aluminum	223* (75%-125%)
	Selenium	132* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206406713MS and 1206406714MSD (LS-SD-02)	Selenium	RPD 27.4* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Sample was diluted in order to bring raw values of iron within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 768213008 (LS-SD-02).

Analyte	768213 008
Aluminum	20X
Antimony	20X
Arsenic	20X
Barium	20X
Beryllium	20X
Cadmium	20X
Calcium	20X
Chromium	20X
Cobalt	20X
Copper	20X
Iron	20X
Lead	20X
Magnesium	20X

Manganese	20X
Nickel	20X
Potassium	20X
Selenium	20X
Silver	20X
Sodium	20X
Thallium	20X
Vanadium	20X
Zinc	20X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2961183

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2961182

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206406813	Method Blank (MB)**CVAA Batch 2961183**
1206406814	Laboratory Control Sample (LCS)
1206406815	768148001(NonSDGD) Sample Duplicate (DUP)
1206406816	768148001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2961233

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2961228

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification

768213002	LS-SW-04
768213003	LS-SW-04 Field Filtered
768213004	LS-SW-03
768213005	LS-SW-03 Field Filtered
768213006	LS-SW-02
768213007	LS-SW-02 Field Filtered
1206406971	Method Blank (MB)**CVAA Batch 2961233**
1206406972	Laboratory Control Sample (LCS)
1206406973	766701001(NonSDGD) Sample Duplicate (DUP)
1206406974	766701001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2960871

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213002	LS-SW-04
768213003	LS-SW-04 Field Filtered
768213004	LS-SW-03
768213005	LS-SW-03 Field Filtered
768213006	LS-SW-02
768213007	LS-SW-02 Field Filtered
1206406203	Method Blank (MB) **Batch 2960871**
1206406204	Laboratory Control Sample (LCS)
1206406205	768011002(NonSDG) Sample Duplicate (DUP)
1206406206	768011002(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2962940

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2962939

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206410018	Method Blank (MB) **Batch 2962940**
1206410019	Laboratory Control Sample (LCS)
1206410022	767984004(LS-SB-42-3.0) Sample Duplicate (DUP)
1206410023	767984004(LS-SB-42-3.0) Matrix Spike (MS)
1206410024	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2960994

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206406421	768177002(NonSDG) Sample Duplicate (DUP) **Batch 2960994**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

May 04, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771803

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 09, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771803 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names and correct the ID name for sample 771803012.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771803 GEL Work Order: 771803

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria

J Value is estimated

N/A RPD or %Recovery limits do not apply.

Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040926
Sample ID: 771803001
Matrix: Water
Collect Date: 09-APR-26 07:30
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1414	2981765	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040926 Project: RVDE00226C
Sample ID: 771803001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	1.19	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.3 ug/L	50.0	105	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	61.4 ug/L	50.0	123	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.7 ug/L	50.0	107	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04
Sample ID: 771803002
Matrix: Ground Water
Collect Date: 09-APR-26 12:10
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	04/21/26	1430	2976226	1
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1051	2976537	2
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1053	2975549	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		20.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		39500	50.0	200	ug/L	1.00	1					
Chromium	J	1.88	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	7.35	3.00	20.0	ug/L	1.00	1					
Iron	J	62.2	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		10500	110	300	ug/L	1.00	1					
Manganese		31.0	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3970	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8940	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	10.8	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.81	9.38	ug/L	0.000938	1	LL2	04/16/26	1907	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4,5-Trichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4,6-Trichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dimethylphenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dinitrophenol	U	ND	4.69	18.8	ug/L	0.000938	1					
2,4-Dinitrotoluene	U	ND	2.81	9.38	ug/L	0.000938	1					
2,6-Dinitrotoluene	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Chloronaphthalene	U	ND	0.385	0.938	ug/L	0.000938	1					
2-Chlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Methylnaphthalene	U	ND	0.281	0.938	ug/L	0.000938	1					
2-Nitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
3,3'-Dichlorobenzidine	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Bromophenylphenylether	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Chloro-3-methylphenol	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Chloroaniline	U	ND	3.09	9.38	ug/L	0.000938	1					
4-Chlorophenylphenylether	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Nitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Acenaphthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Acenaphthylene	U	ND	0.281	0.938	ug/L	0.000938	1					
Acetophenone	U	ND	2.81	9.38	ug/L	0.000938	1					
Anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Atrazine	U	ND	2.81	9.38	ug/L	0.000938	1					
Benzaldehyde	U	ND	2.81	9.38	ug/L	0.000938	1					
Benzo(a)anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(a)pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(b)fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(ghi)perylene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(k)fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Butylbenzylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Carbazole	U	ND	0.281	0.938	ug/L	0.000938	1					
Chrysene	U	ND	0.281	0.938	ug/L	0.000938	1					
Di-n-butylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Di-n-octylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Dibenzo(a,h)anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Dibenzofuran	U	ND	2.81	9.38	ug/L	0.000938	1					
Diethylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Dimethylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Diphenylamine	U	ND	2.81	9.38	ug/L	0.000938	1					
Fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Fluorene	U	ND	0.281	0.938	ug/L	0.000938	1					
Hexachlorobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachlorobutadiene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachlorocyclopentadiene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachloroethane	U	ND	2.81	9.38	ug/L	0.000938	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Isophorone	U	ND	3.28	9.38	ug/L	0.000938	1					
N-Nitrosodipropylamine	U	ND	2.81	9.38	ug/L	0.000938	1					
Naphthalene	U	ND	0.281	0.938	ug/L	0.000938	1					
Nitrobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
Pentachlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Phenanthrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Phenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Chloroethoxy)methane	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Chloroethyl) ether	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
m,p-Cresols	U	ND	3.47	9.38	ug/L	0.000938	1					
m-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
o-Cresol	U	ND	2.81	9.38	ug/L	0.000938	1					
o-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
p-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0311	0.0934	ug/L	0.000934	1	JXM	04/17/26	1453	2979246	5
Aroclor-1221	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1232	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1242	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1248	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1254	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1260	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1262	U	ND	0.0311	0.0934	ug/L	0.000934	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1268	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00944	0.0377	ug/L	0.00472	1	YS1	04/17/26	1157	2979097	7
4,4'-DDE	U	ND	0.00944	0.0377	ug/L	0.00472	1					
4,4'-DDT	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Aldrin	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Dieldrin	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endosulfan I	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Endosulfan II	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endosulfan sulfate	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endrin	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endrin aldehyde	U	ND	0.00627	0.0377	ug/L	0.00472	1					
Endrin ketone	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Heptachlor	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Heptachlor epoxide	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Methoxychlor	U	ND	0.0472	0.189	ug/L	0.00472	1					
Toxaphene	U	ND	0.142	0.472	ug/L	0.00472	1					
alpha-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
beta-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
cis-Chlordane	U	ND	0.00627	0.0189	ug/L	0.00472	1					
delta-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
gamma-BHC (Lindane)	U	ND	0.00627	0.0189	ug/L	0.00472	1					
trans-Chlordane	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	8
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1440	2981765	9
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	1.00	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		1.01	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3535A	SW3535A Pesticides SPE Extraction	TH1	04/16/26	1120	2979095
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 9010C Distillation	SW846 9010C Prep	GP1	04/21/26	1347	2976225
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	04/17/26	0530	2979245
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3535A	SW3535A Pesticides SPE Extraction	KC1	04/13/26	1246	2976786

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 3535A/8082A	
6	SW846 3535A/8081B	
7	SW846 3535A/8081B	
8	SW846 7196A	
9	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.4 ug/L	46.9	63	(31%-100%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
2-Fluorobiphenyl		8270 TCL BNA "As Received"		29.8	ug/L	46.9		63			(32%-102%)
p-Terphenyl-d14		8270 TCL BNA "As Received"		18.8	ug/L	46.9		40			(20%-118%)
2,4,6-Tribromophenol		8270 TCL BNA "As Received"		61.8	ug/L	93.8		66			(28%-113%)
Phenol-d5		8270 TCL BNA "As Received"		19.1	ug/L	93.8		20			(15%-85%)
2-Fluorophenol		8270 TCL BNA "As Received"		28.0	ug/L	93.8		30			(15%-72%)
Decachlorobiphenyl		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.127	ug/L	0.187		68			(30%-135%)
4cmx		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.144	ug/L	0.187		77			(28%-114%)
4cmx		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.760	ug/L	0.944		81			(29%-119%)
Decachlorobiphenyl		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.764	ug/L	0.944		81			(43%-140%)
Bromofluorobenzene		SW846 8260 TCL Volatiles "As Received"		51.5	ug/L	50.0		103			(77%-123%)
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "As Received"		61.6	ug/L	50.0		123			(71%-131%)
Toluene-d8		SW846 8260 TCL Volatiles "As Received"		53.4	ug/L	50.0		107			(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	771803003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 12:10		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1052	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1107	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		22.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		43600	50.0	200	ug/L	1.00	1					
Chromium	J	2.81	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		11600	110	300	ug/L	1.00	1					
Manganese		33.8	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4360	50.0	250	ug/L	1.00	1					
Selenium	J	6.35	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		10100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.21	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	771803003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 13:35		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1054	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	2.26	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1110	2975549	2
Sodium		78000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		11700	340	1000	ug/L	1.00	5	EM2	04/15/26	1153	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	U	ND	25.0	150	ug/L	1.00	5					
Barium		56.7	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		769000	250	1000	ug/L	1.00	5					
Chromium	J	16.1	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	31.7	15.0	100	ug/L	1.00	5					
Iron		661000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		205000	550	1500	ug/L	1.00	5					
Manganese		33300	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		50500	250	1250	ug/L	1.00	5					
Selenium	J	87.2	30.0	150	ug/L	1.00	5					
Silver	J	9.28	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	65.5	16.5	100	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.45	ug/L	0.000945	1	LL2	04/16/26	1930	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dimethylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dinitrophenol	U	ND	4.73	18.9	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,6-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Chloronaphthalene	U	ND	0.388	0.945	ug/L	0.000945	1					
2-Chlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methylnaphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
2-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Bromophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloroaniline	U	ND	3.12	9.45	ug/L	0.000945	1					
4-Chlorophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Acenaphthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acenaphthylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acetophenone	U	ND	2.84	9.45	ug/L	0.000945	1					
Anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Atrazine	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzaldehyde	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzo(a)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(a)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(b)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(ghi)perylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(k)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Butylbenzylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Carbazole	U	ND	0.284	0.945	ug/L	0.000945	1					
Chrysene	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-butylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-octylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzofuran	U	ND	2.84	9.45	ug/L	0.000945	1					
Diethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dimethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Diphenylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Fluorene	U	ND	0.284	0.945	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorobutadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachloroethane	U	ND	2.84	9.45	ug/L	0.000945	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Isophorone	U	ND	3.31	9.45	ug/L	0.000945	1					
N-Nitrosodipropylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Naphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
Nitrobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Pentachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Phenanthrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Phenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
m,p-Cresols	U	ND	3.50	9.45	ug/L	0.000945	1					
m-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Cresol	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
p-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1505	2981765	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.830	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	28.5 ug/L	47.3	60	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.5 ug/L	47.3	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.5 ug/L	47.3	24	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	68.5 ug/L	94.5	73	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	26.6 ug/L	94.5	28	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	29.0 ug/L	94.5	31	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	63.8 ug/L	50.0	128	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.9 ug/L	50.0	108	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Field Filtered
Sample ID: 771803005
Matrix: Ground Water
Collect Date: 09-APR-26 13:35
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1056	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	1.66	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1113	2975549	2
Sodium		75200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		7180	340	1000	ug/L	1.00	5	EM2	04/15/26	1156	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	J	31.6	25.0	150	ug/L	1.00	5					
Barium		60.1	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		793000	250	1000	ug/L	1.00	5					
Chromium	J	16.6	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	33.6	15.0	100	ug/L	1.00	5					
Iron		679000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		214000	550	1500	ug/L	1.00	5					
Manganese		35000	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		52800	250	1250	ug/L	1.00	5					
Selenium	J	76.8	30.0	150	ug/L	1.00	5					
Silver	J	7.05	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	61.6	16.5	100	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22 Field Filtered	Project:	RVDE00226C
Sample ID:	771803005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Matrix: Ground Water
Collect Date: 09-APR-26 13:37
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1057	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	2.18	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1135	2975549	2
Sodium		76700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		12400	340	1000	ug/L	1.00	5	EM2	04/15/26	1158	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	J	29.2	25.0	150	ug/L	1.00	5					
Barium		61.9	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		836000	250	1000	ug/L	1.00	5					
Chromium	J	24.5	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	36.2	15.0	100	ug/L	1.00	5					
Iron		716000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		223000	550	1500	ug/L	1.00	5					
Manganese		36200	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		54900	250	1250	ug/L	1.00	5					
Selenium	J	149	30.0	150	ug/L	1.00	5					
Silver	J	7.22	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	65.2	16.5	100	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.83	9.42	ug/L	0.000942	1	LL2	04/16/26	1953	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,5-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,6-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dimethylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dinitrophenol	U	ND	4.71	18.8	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,6-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Chloronaphthalene	U	ND	0.386	0.942	ug/L	0.000942	1					
2-Chlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methylnaphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
2-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
3,3'-Dichlorobenzidine	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Bromophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloro-3-methylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloroaniline	U	ND	3.11	9.42	ug/L	0.000942	1					
4-Chlorophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Acenaphthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acenaphthylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acetophenone	U	ND	2.83	9.42	ug/L	0.000942	1					
Anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Atrazine	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzaldehyde	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzo(a)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(a)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(b)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(ghi)perylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(k)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Butylbenzylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Carbazole	U	ND	0.283	0.942	ug/L	0.000942	1					
Chrysene	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-butylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-octylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzo(a,h)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzofuran	U	ND	2.83	9.42	ug/L	0.000942	1					
Diethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dimethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Diphenylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Fluorene	U	ND	0.283	0.942	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorobutadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorocyclopentadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachloroethane	U	ND	2.83	9.42	ug/L	0.000942	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Isophorone	U	ND	3.30	9.42	ug/L	0.000942	1					
N-Nitrosodipropylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Naphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
Nitrobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Pentachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Phenanthrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Phenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethoxy)methane	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethyl) ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
m,p-Cresols	U	ND	3.49	9.42	ug/L	0.000942	1					
m-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Cresol	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
p-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00525	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1530	2981765	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.880	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/21/26	1309	2982749
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	22.5 ug/L	47.1	48	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.2 ug/L	47.1	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	8.60 ug/L	47.1	18*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	49.8 ug/L	94.2	53	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	28.0 ug/L	94.2	30	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	25.7 ug/L	94.2	27	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	65.2 ug/L	50.0	130	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	54.1 ug/L	50.0	108	(77%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22-DP	Project:	RVDE00226C
Sample ID:	771803006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP Field Filtered
Sample ID: 771803007
Matrix: Ground Water
Collect Date: 09-APR-26 13:37
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1059	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	1.74	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1137	2975549	2
Sodium		77100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		8990	340	1000	ug/L	1.00	5	EM2	04/15/26	1201	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	U	ND	25.0	150	ug/L	1.00	5					
Barium		71.2	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		960000	250	1000	ug/L	1.00	5					
Chromium	J	16.4	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	42.9	15.0	100	ug/L	1.00	5					
Iron		820000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		260000	550	1500	ug/L	1.00	5					
Manganese		41600	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		63700	250	1250	ug/L	1.00	5					
Selenium	J	125	30.0	150	ug/L	1.00	5					
Silver	J	9.61	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	66.6	16.5	100	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22-DP Field Filtered	Project:	RVDE00226C
Sample ID:	771803007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06
Sample ID: 771803008
Matrix: Surface Water
Collect Date: 09-APR-26 14:00
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1101	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	94.0	68.0	200	ug/L	1.00	1	EM2	04/15/26	1140	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		63400	50.0	200	ug/L	1.00	1					
Chromium	J	2.92	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	82.5	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14900	110	300	ug/L	1.00	1					
Manganese		21.9	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9470	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17500	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.81	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.58	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.86	9.55	ug/L	0.000955	1	LL2	04/16/26	2016	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4,5-Trichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4,6-Trichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dimethylphenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dinitrophenol	U	ND	4.77	19.1	ug/L	0.000955	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.86	9.55	ug/L	0.000955	1					
2,6-Dinitrotoluene	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Chloronaphthalene	U	ND	0.391	0.955	ug/L	0.000955	1					
2-Chlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Methylnaphthalene	U	ND	0.286	0.955	ug/L	0.000955	1					
2-Nitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
3,3'-Dichlorobenzidine	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Bromophenylphenylether	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Chloro-3-methylphenol	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Chloroaniline	U	ND	3.15	9.55	ug/L	0.000955	1					
4-Chlorophenylphenylether	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Nitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Acenaphthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Acenaphthylene	U	ND	0.286	0.955	ug/L	0.000955	1					
Acetophenone	U	ND	2.86	9.55	ug/L	0.000955	1					
Anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Atrazine	U	ND	2.86	9.55	ug/L	0.000955	1					
Benzaldehyde	U	ND	2.86	9.55	ug/L	0.000955	1					
Benzo(a)anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(a)pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(b)fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(ghi)perylene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(k)fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Butylbenzylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Carbazole	U	ND	0.286	0.955	ug/L	0.000955	1					
Chrysene	U	ND	0.286	0.955	ug/L	0.000955	1					
Di-n-butylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Di-n-octylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Dibenzo(a,h)anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Dibenzofuran	U	ND	2.86	9.55	ug/L	0.000955	1					
Diethylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Dimethylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Diphenylamine	U	ND	2.86	9.55	ug/L	0.000955	1					
Fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Fluorene	U	ND	0.286	0.955	ug/L	0.000955	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachlorobutadiene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachlorocyclopentadiene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachloroethane	U	ND	2.86	9.55	ug/L	0.000955	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Isophorone	U	ND	3.34	9.55	ug/L	0.000955	1					
N-Nitrosodipropylamine	U	ND	2.86	9.55	ug/L	0.000955	1					
Naphthalene	U	ND	0.286	0.955	ug/L	0.000955	1					
Nitrobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
Pentachlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Phenanthrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Phenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Chloroethoxy)methane	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Chloroethyl) ether	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
m,p-Cresols	U	ND	3.53	9.55	ug/L	0.000955	1					
m-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
o-Cresol	U	ND	2.86	9.55	ug/L	0.000955	1					
o-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
p-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1555	2981765	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		7.26	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.840	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	33.2 ug/L	47.7	70	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	33.3 ug/L	47.7	70	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	19.3 ug/L	47.7	41	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	76.8 ug/L	95.5	80	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	21.4 ug/L	95.5	22	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	32.5 ug/L	95.5	34	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.0 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	64.5 ug/L	50.0	129	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	54.7 ug/L	50.0	109	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06	Project:	RVDE00226C
Sample ID:	771803008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Field Filtered
Sample ID: 771803009
Matrix: Surface Water
Collect Date: 09-APR-26 14:00
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1102	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	86.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1143	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		61700	50.0	200	ug/L	1.00	1					
Chromium	J	2.86	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	46.6	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14700	110	300	ug/L	1.00	1					
Manganese		20.1	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9260	50.0	250	ug/L	1.00	1					
Selenium	J	6.68	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.70	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.68	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06 Field Filtered	Project:	RVDE00226C
Sample ID:	771803009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Matrix: Surface Water
Collect Date: 09-APR-26 14:02
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1104	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	90.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1147	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		35.8	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		61000	50.0	200	ug/L	1.00	1					
Chromium	J	2.88	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	78.4	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14600	110	300	ug/L	1.00	1					
Manganese		21.5	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9160	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.05	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.29	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.58	ug/L	0.000958	1	LL2	04/16/26	2039	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dimethylphenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dinitrophenol	U	ND	4.79	19.2	ug/L	0.000958	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.58	ug/L	0.000958	1					
2,6-Dinitrotoluene	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Chloronaphthalene	U	ND	0.393	0.958	ug/L	0.000958	1					
2-Chlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Methylnaphthalene	U	ND	0.287	0.958	ug/L	0.000958	1					
2-Nitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Bromophenylphenylether	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Chloroaniline	U	ND	3.16	9.58	ug/L	0.000958	1					
4-Chlorophenylphenylether	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Nitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Acenaphthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Acenaphthylene	U	ND	0.287	0.958	ug/L	0.000958	1					
Acetophenone	U	ND	2.87	9.58	ug/L	0.000958	1					
Anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Atrazine	U	ND	2.87	9.58	ug/L	0.000958	1					
Benzaldehyde	U	ND	2.87	9.58	ug/L	0.000958	1					
Benzo(a)anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(a)pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(b)fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(ghi)perylene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(k)fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Butylbenzylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Carbazole	U	ND	0.287	0.958	ug/L	0.000958	1					
Chrysene	U	ND	0.287	0.958	ug/L	0.000958	1					
Di-n-butylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Di-n-octylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Dibenzofuran	U	ND	2.87	9.58	ug/L	0.000958	1					
Diethylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Dimethylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Diphenylamine	U	ND	2.87	9.58	ug/L	0.000958	1					
Fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Fluorene	U	ND	0.287	0.958	ug/L	0.000958	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachlorobutadiene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachloroethane	U	ND	2.87	9.58	ug/L	0.000958	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Isophorone	U	ND	3.35	9.58	ug/L	0.000958	1					
N-Nitrosodipropylamine	U	ND	2.87	9.58	ug/L	0.000958	1					
Naphthalene	U	ND	0.287	0.958	ug/L	0.000958	1					
Nitrobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
Pentachlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Phenanthrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Phenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
m,p-Cresols	U	ND	3.55	9.58	ug/L	0.000958	1					
m-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
o-Cresol	U	ND	2.87	9.58	ug/L	0.000958	1					
o-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
p-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1621	2981765	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		7.25	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.940	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	25.4 ug/L	47.9	53	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	25.1 ug/L	47.9	52	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.9 ug/L	47.9	25	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	56.6 ug/L	95.8	59	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.1 ug/L	95.8	19	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	27.0 ug/L	95.8	28	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.9 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	64.6 ug/L	50.0	129	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.6 ug/L	50.0	107	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06-DP	Project:	RVDE00226C
Sample ID:	771803010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803011
Matrix: Surface Water
Collect Date: 09-APR-26 14:02
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1105	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	86.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1150	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		64100	50.0	200	ug/L	1.00	1					
Chromium	J	3.10	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	49.1	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		15100	110	300	ug/L	1.00	1					
Manganese		20.6	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9600	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.92	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.54	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06-DP	Project:	RVDE00226C
Sample ID:	771803011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-03	Project:	RVDE00226C
Sample ID:	771803012	Client ID:	GEEL003
Matrix:	Solid		
Collect Date:	09-APR-26 14:20		
Receive Date:	09-APR-26		
Collector:	Client		
Moisture:	81%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	42.1	126	ug/kg	119	1	JP2	04/14/26	0945	2976729	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		19000000	34500	101000	ug/kg	96.2	1	EM2	04/14/26	1436	2975551	2
Antimony	U	ND	1670	10100	ug/kg	96.2	1					
Arsenic	J	4030	2540	15200	ug/kg	96.2	1					
Barium		95700	507	2540	ug/kg	96.2	1					
Beryllium	J	566	507	2540	ug/kg	96.2	1					
Cadmium	U	ND	507	2540	ug/kg	96.2	1					
Calcium		108000000	40600	127000	ug/kg	96.2	1					
Chromium		77500	761	5070	ug/kg	96.2	1					
Cobalt		3700	761	2540	ug/kg	96.2	1					
Copper		33300	1520	10100	ug/kg	96.2	1					
Iron		92300000	40600	127000	ug/kg	96.2	1					
Lead	J	9010	1670	10100	ug/kg	96.2	1					
Magnesium		4370000	43100	152000	ug/kg	96.2	1					
Manganese		915000	1010	5070	ug/kg	96.2	1					
Nickel		12800	761	2540	ug/kg	96.2	1					
Potassium		752000	32400	127000	ug/kg	96.2	1					
Selenium	J	10300	2540	15200	ug/kg	96.2	1					
Silver	U	ND	507	2540	ug/kg	96.2	1					
Sodium		267000	35500	127000	ug/kg	96.2	1					
Thallium	U	ND	2540	10100	ug/kg	96.2	1					
Vanadium		63100	507	2540	ug/kg	96.2	1					
Zinc		165000	2030	10100	ug/kg	96.2	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	526	1750	ug/kg	0.0333	1	LL2	04/16/26	1746	2978441	3
1,2,4,5-Tetrachlorobenzene	U	ND	526	1750	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	526	3510	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	526	1750	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	526	1750	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	526	1750	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	526	1750	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	702	1750	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	526	1750	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	526	1750	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
Acenaphthene	U	ND	52.6	175	ug/kg	0.0333	1					
Acenaphthylene	U	ND	52.6	175	ug/kg	0.0333	1					
Acetophenone	U	ND	526	1750	ug/kg	0.0333	1					
Anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Atrazine	U	ND	702	1750	ug/kg	0.0333	1					
Benzaldehyde	U	ND	526	1750	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Carbazole	U	ND	52.6	175	ug/kg	0.0333	1					
Chrysene	U	ND	52.6	175	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Dibenzofuran	U	ND	526	1750	ug/kg	0.0333	1					
Diethylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Diphenylamine	U	ND	526	1750	ug/kg	0.0333	1					
Fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Fluorene	U	ND	52.6	175	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachloroethane	U	ND	526	1750	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
Isophorone	U	ND	526	1750	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	526	1750	ug/kg	0.0333	1					
Naphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
Nitrobenzene	U	ND	526	1750	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
Phenanthrene	U	ND	52.6	175	ug/kg	0.0333	1					
Phenol	U	ND	526	1750	ug/kg	0.0333	1					
Pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	52.6	175	ug/kg	0.0333	1					
m,p-Cresols	U	ND	526	1750	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	526	1750	ug/kg	0.0333	1					
o-Cresol	U	ND	526	1750	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	579	1750	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	526	1750	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.811	2.03	mg/kg	38.5	1	BR2	04/22/26	1602	2980165	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	160	479	ug/kg	1.82	50	JM6	04/22/26	1508	2982825	5
1,1,2,2-Tetrachloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1,2-Trichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1-Dichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
1,2,3-Trichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2,4-Trichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2-Dibromo-3-chloropropane	U	ND	240	479	ug/kg	1.82	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichloropropane	U	ND	160	479	ug/kg	1.82	50					
1,3-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,4-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,4-Dioxane	U	ND	7990	24000	ug/kg	1.82	50					
2-Butanone	U	ND	799	2400	ug/kg	1.82	50					
2-Hexanone	U	ND	799	2400	ug/kg	1.82	50					
4-Methyl-2-pentanone	U	ND	799	2400	ug/kg	1.82	50					
Acetone	U	ND	799	2400	ug/kg	1.82	50					
Benzene	U	ND	160	479	ug/kg	1.82	50					
Bromochloromethane	U	ND	160	479	ug/kg	1.82	50					
Bromodichloromethane	U	ND	160	479	ug/kg	1.82	50					
Bromoform	U	ND	160	479	ug/kg	1.82	50					
Bromomethane	U	ND	160	479	ug/kg	1.82	50					
Carbon disulfide	U	ND	799	2400	ug/kg	1.82	50					
Carbon tetrachloride	U	ND	160	479	ug/kg	1.82	50					
Chlorobenzene	U	ND	160	479	ug/kg	1.82	50					
Chloroethane	U	ND	160	479	ug/kg	1.82	50					
Chloroform	U	ND	160	479	ug/kg	1.82	50					
Chloromethane	U	ND	160	479	ug/kg	1.82	50					
Cyclohexane	U	ND	160	479	ug/kg	1.82	50					
Dibromochloromethane	U	ND	160	479	ug/kg	1.82	50					
Dichlorodifluoromethane	U	ND	160	479	ug/kg	1.82	50					
Ethylbenzene	U	ND	160	479	ug/kg	1.82	50					
Isopropylbenzene	U	ND	160	479	ug/kg	1.82	50					
Methyl acetate	U	ND	799	2400	ug/kg	1.82	50					
Methylcyclohexane	U	ND	160	479	ug/kg	1.82	50					
Methylene chloride	U	ND	799	2400	ug/kg	1.82	50					
Styrene	U	ND	160	479	ug/kg	1.82	50					
Tetrachloroethylene	U	ND	160	479	ug/kg	1.82	50					
Toluene	U	ND	160	479	ug/kg	1.82	50					
Trichloroethylene	U	ND	160	479	ug/kg	1.82	50					
Trichlorofluoromethane	U	ND	160	479	ug/kg	1.82	50					
Trichlorotrifluoroethane	U	ND	799	2400	ug/kg	1.82	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	160	479	ug/kg	1.82	50					
cis-1,2-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
cis-1,3-Dichloropropylene	U	ND	160	479	ug/kg	1.82	50					
m,p-Xylenes	U	ND	320	959	ug/kg	1.82	50					
o-Xylene	U	ND	160	479	ug/kg	1.82	50					
tert-Butyl methyl ether	U	ND	160	479	ug/kg	1.82	50					
trans-1,2-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
trans-1,3-Dichloropropylene	U	ND	160	479	ug/kg	1.82	50					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/21/26	0759	2980308
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/13/26	1435	2976726
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	04/16/26	0545	2978440
SW846 3050B	SW846 3050B Prep	ES3	04/10/26	0845	2975550
SW846 5035	5035 Prep	JM6	04/22/26	1255	2982824
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	04/17/26	1639	2980164

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	7430 ug/kg	17500	42	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	7450 ug/kg	17500	42	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	7010 ug/kg	17500	40	(19%-94%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	3350 ug/kg	8770	38	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	3260 ug/kg	8770	37	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	4210 ug/kg	8770	48	(24%-107%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	24100 ug/kg	50.0	100	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	25200 ug/kg	50.0	105	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-03	Project:	RVDE00226C
Sample ID:	771803012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		23200	ug/kg	50.0		97		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: May 4, 2026

Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03
Sample ID: 771803012
Matrix: Solid
Collect Date: 09-APR-26
Receive Date: 09-APR-26
Collector: Client
Moisture: 81%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

QC Summary

Report Date: May 4, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Flow Injection Analysis										
Batch 2976226										
QC1206433491 771808001 DUP										
Cyanide, Total	U	ND	U	ND	ug/L	N/A			CH9	04/21/26 14:40
QC1206433488 LCS										
Cyanide, Total	50.0			49.1	ug/L		98.1	(90%-110%)		04/21/26 14:21
QC1206433487 MB										
Cyanide, Total			U	ND	ug/L					04/21/26 14:14
QC1206433492 771808001 MS										
Cyanide, Total	100 U	ND		99.5	ug/L		98.8	(52%-131%)		04/21/26 14:41
Metals Analysis-ICP										
Batch 2975549										
QC1206432303 LCS										
Aluminum	5000			4990	ug/L		99.9	(80%-120%)	EM2	04/15/26 10:51
Antimony	500			486	ug/L		97.1	(80%-120%)		
Arsenic	500			504	ug/L		101	(80%-120%)		
Barium	500			494	ug/L		98.8	(80%-120%)		
Beryllium	500			496	ug/L		99.3	(80%-120%)		
Cadmium	500			498	ug/L		99.5	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Calcium	5000			5100	ug/L		102	(80%-120%)	EM2	04/15/26 10:51
Chromium	500			507	ug/L		101	(80%-120%)		
Cobalt	500			498	ug/L		99.6	(80%-120%)		
Copper	500			495	ug/L		99	(80%-120%)		
Iron	5000			5070	ug/L		101	(80%-120%)		
Lead	500			508	ug/L		102	(80%-120%)		
Magnesium	5000			5170	ug/L		103	(80%-120%)		
Manganese	500			499	ug/L		99.8	(80%-120%)		
Nickel	500			498	ug/L		99.6	(80%-120%)		
Potassium	5000			4860	ug/L		97.3	(80%-120%)		
Selenium	500			485	ug/L		96.9	(80%-120%)		
Silver	100			97.6	ug/L		97.6	(80%-120%)		
Sodium	5000			4900	ug/L		97.9	(80%-120%)		
Thallium	500			500	ug/L		100	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Vanadium	500			500	ug/L		100	(80%-120%)	EM2	04/15/26 10:51
Zinc	500			484	ug/L		96.8	(80%-120%)		
QC1206432302 MB										
Aluminum			U	ND	ug/L					04/15/26 10:48
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			J	3.05	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Magnesium			U	ND	ug/L				EM2	04/15/26 10:48
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			J	50.9	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					
Sodium			U	ND	ug/L					
Thallium			U	ND	ug/L					
Vanadium			U	ND	ug/L					
Zinc			U	ND	ug/L					
QC1206432304 771803002 MS										
Aluminum	5000	U	ND	5130	ug/L		102	(75%-125%)		04/15/26 10:57
Antimony	500	U	ND	498	ug/L		99.5	(75%-125%)		
Arsenic	500	U	ND	518	ug/L		104	(75%-125%)		
Barium	500		20.5	511	ug/L		98	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Beryllium	500	U	ND		499	ug/L		99.8	(75%-125%)	EM2	04/15/26 10:57
Cadmium	500	U	ND		495	ug/L		98.9	(75%-125%)		
Calcium	5000		39500		44900	ug/L		N/A	(75%-125%)		
Chromium	500	J	1.88		505	ug/L		101	(75%-125%)		
Cobalt	500	U	ND		492	ug/L		98.3	(75%-125%)		
Copper	500	J	7.35		496	ug/L		97.7	(75%-125%)		
Iron	5000	J	62.2		5180	ug/L		102	(75%-125%)		
Lead	500	U	ND		504	ug/L		100	(75%-125%)		
Magnesium	5000		10500		15800	ug/L		106	(75%-125%)		
Manganese	500		31.0		525	ug/L		98.8	(75%-125%)		
Nickel	500	U	ND		489	ug/L		97.8	(75%-125%)		
Potassium	5000		3970		8980	ug/L		100	(75%-125%)		
Selenium	500	U	ND		504	ug/L		99.9	(75%-125%)		
Silver	100	U	ND		98.3	ug/L		98.1	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Sodium	5000		8940		14000	ug/L		101	(75%-125%)	EM2	04/15/26 10:57
Thallium	500	U	ND		494	ug/L		98.7	(75%-125%)		
Vanadium	500	U	ND		504	ug/L		101	(75%-125%)		
Zinc	500	J	10.8		492	ug/L		96.2	(75%-125%)		
QC1206432305 771803002 MSD											
Aluminum	5000	U	ND		5160	ug/L	0.476	102	(0%-20%)		04/15/26 10:59
Antimony	500	U	ND		502	ug/L	0.857	100	(0%-20%)		
Arsenic	500	U	ND		520	ug/L	0.354	104	(0%-20%)		
Barium	500		20.5		513	ug/L	0.407	98.4	(0%-20%)		
Beryllium	500	U	ND		500	ug/L	0.34	100	(0%-20%)		
Cadmium	500	U	ND		496	ug/L	0.267	99.2	(0%-20%)		
Calcium	5000		39500		46300	ug/L	3.24	N/A	(0%-20%)		
Chromium	500	J	1.88		510	ug/L	0.947	102	(0%-20%)		
Cobalt	500	U	ND		491	ug/L	0.183	98.1	(0%-20%)		
Copper	500	J	7.35		500	ug/L	0.712	98.4	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2975549												
Iron	5000	J	62.2		5210	ug/L	0.463	103	(0%-20%)	EM2	04/15/26	10:59
Lead	500	U	ND		503	ug/L	0.155	100	(0%-20%)			
Magnesium	5000		10500		15900	ug/L	0.954	109	(0%-20%)			
Manganese	500		31.0		529	ug/L	0.725	99.6	(0%-20%)			
Nickel	500	U	ND		489	ug/L	0.0124	97.8	(0%-20%)			
Potassium	5000		3970		9080	ug/L	1.1	102	(0%-20%)			
Selenium	500	U	ND		495	ug/L	1.75	98.1	(0%-20%)			
Silver	100	U	ND		98.5	ug/L	0.248	98.4	(0%-20%)			
Sodium	5000		8940		14200	ug/L	1.05	104	(0%-20%)			
Thallium	500	U	ND		496	ug/L	0.553	99.3	(0%-20%)			
Vanadium	500	U	ND		508	ug/L	0.724	102	(0%-20%)			
Zinc	500	J	10.8		492	ug/L	0.0834	96.3	(0%-20%)			
QC1206432307 771803002 SDILT												
Aluminum		U	ND	U	ND	ug/L	N/A		(0%-20%)		04/15/26	11:04
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Arsenic	U	ND	U	ND	ug/L	N/A			(0%-20%)	EM2	04/15/26 11:04
Barium		20.5		20.5	ug/L	399			(0%-20%)		
Beryllium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Calcium		39500	E	40200	ug/L	409	*		(0%-20%)		
Chromium	J	1.88	J	2.72	ug/L	625			(0%-20%)		
Cobalt	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Copper	J	7.35	J	7.20	ug/L	389			(0%-20%)		
Iron	J	62.2	J	67.1	ug/L	440			(0%-20%)		
Lead	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Magnesium		10500	E	10600	ug/L	406	*		(0%-20%)		
Manganese		31.0		30.8	ug/L	398			(0%-20%)		
Nickel	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Potassium		3970		4000	ug/L	403			(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	04/15/26 11:04
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		8940	E	9010	ug/L	404 *		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Zinc	J	10.8	J	10.3	ug/L	378		(0%-20%)		
Batch 2975551										
QC1206432309 LCS										
Aluminum	448000			432000	ug/kg		96.3	(80%-120%)	EM2	04/14/26 14:34
Antimony	44800			43900	ug/kg		97.9	(80%-120%)		
Arsenic	44800			46000	ug/kg		103	(80%-120%)		
Barium	44800			44200	ug/kg		98.7	(80%-120%)		
Beryllium	44800			45900	ug/kg		103	(80%-120%)		
Cadmium	44800			45100	ug/kg		101	(80%-120%)		
Calcium	448000			456000	ug/kg		102	(80%-120%)		
Chromium	44800			44300	ug/kg		98.9	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Cobalt	44800			44600	ug/kg		99.6	(80%-120%)	EM2	04/14/26 14:34
Copper	44800			44200	ug/kg		98.7	(80%-120%)		
Iron	448000			453000	ug/kg		101	(80%-120%)		
Lead	44800			44600	ug/kg		99.6	(80%-120%)		
Magnesium	448000			459000	ug/kg		102	(80%-120%)		
Manganese	44800			44100	ug/kg		98.5	(80%-120%)		
Nickel	44800			44500	ug/kg		99.4	(80%-120%)		
Potassium	448000			433000	ug/kg		96.7	(80%-120%)		
Selenium	44800			45500	ug/kg		101	(80%-120%)		
Silver	8960			8810	ug/kg		98.3	(80%-120%)		
Sodium	448000			446000	ug/kg		99.6	(80%-120%)		
Thallium	44800			45200	ug/kg		101	(80%-120%)		
Vanadium	44800			43900	ug/kg		98	(80%-120%)		
Zinc	44800			43900	ug/kg		98	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2975551											
QC1206432308 MB											
Aluminum			U	ND	ug/kg				EM2	04/14/26	14:55
Antimony			U	ND	ug/kg						
Arsenic			U	ND	ug/kg						
Barium			U	ND	ug/kg						
Beryllium			U	ND	ug/kg						
Cadmium			U	ND	ug/kg						
Calcium			U	ND	ug/kg						
Chromium			U	ND	ug/kg						
Cobalt			U	ND	ug/kg						
Copper			U	ND	ug/kg						
Iron			U	ND	ug/kg						
Lead			U	ND	ug/kg						
Magnesium			U	ND	ug/kg						
Manganese			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Nickel			J	139	ug/kg				EM2	04/14/26 14:55
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					
Sodium			U	ND	ug/kg					
Thallium			J	480	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			U	ND	ug/kg					
QC1206432310 771803012 MS										
Aluminum	2370000	19000000		28300000	ug/kg		N/A	(75%-125%)		04/14/26 14:38
Antimony	237000 U	ND		222000	ug/kg		93.7	(75%-125%)		
Arsenic	237000 J	4030		254000	ug/kg		106	(75%-125%)		
Barium	237000	95700		339000	ug/kg		103	(75%-125%)		
Beryllium	237000 J	566		240000	ug/kg		101	(75%-125%)		
Cadmium	237000 U	ND		228000	ug/kg		96	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2975551												
Calcium	2370000		108000000		113000000	ug/kg		N/A	(75%-125%)	EM2	04/14/26	14:38
Chromium	237000		77500		329000	ug/kg		106	(75%-125%)			
Cobalt	237000		3700		228000	ug/kg		94.4	(75%-125%)			
Copper	237000		33300		282000	ug/kg		105	(75%-125%)			
Iron	2370000		92300000		117000000	ug/kg		N/A	(75%-125%)			
Lead	237000	J	9010		234000	ug/kg		94.7	(75%-125%)			
Magnesium	2370000		4370000		7560000	ug/kg		134*	(75%-125%)			
Manganese	237000		915000		1180000	ug/kg		112	(75%-125%)			
Nickel	237000		12800		237000	ug/kg		94.4	(75%-125%)			
Potassium	2370000		752000		3470000	ug/kg		115	(75%-125%)			
Selenium	237000	J	10300		253000	ug/kg		102	(75%-125%)			
Silver	47400	U	ND		47100	ug/kg		98.3	(75%-125%)			
Sodium	2370000		267000		2690000	ug/kg		102	(75%-125%)			
Thallium	237000	U	ND		219000	ug/kg		92.2	(75%-125%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2975551												
Vanadium	237000		63100		305000	ug/kg			102	(75%-125%)	EM2	04/14/26 14:38
Zinc	237000		165000		406000	ug/kg			102	(75%-125%)		
QC1206432311 771803012 MSD												
Aluminum	2600000		19000000		22900000	ug/kg	21	*	N/A	(0%-20%)		04/14/26 14:41
Antimony	260000	U	ND		253000	ug/kg	12.9		97.2	(0%-20%)		
Arsenic	260000	J	4030		280000	ug/kg	9.75		106	(0%-20%)		
Barium	260000		95700		354000	ug/kg	4.36		99.3	(0%-20%)		
Beryllium	260000	J	566		267000	ug/kg	10.7		103	(0%-20%)		
Cadmium	260000	U	ND		253000	ug/kg	10.4		97.2	(0%-20%)		
Calcium	2600000		108000000		109000000	ug/kg	3.62		N/A	(0%-20%)		
Chromium	260000		77500		339000	ug/kg	2.97		101	(0%-20%)		
Cobalt	260000		3700		253000	ug/kg	10.8		96.1	(0%-20%)		
Copper	260000		33300		302000	ug/kg	6.82		103	(0%-20%)		
Iron	2600000		92300000		89900000	ug/kg	26.3	*	N/A	(0%-20%)		
Lead	260000	J	9010		259000	ug/kg	10.2		96	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975551											
Magnesium	2600000		4370000		6970000	ug/kg	8.15	99.8	(0%-20%)	EM2	04/14/26 14:41
Manganese	260000		915000		1140000	ug/kg	3.23	87.8	(0%-20%)		
Nickel	260000		12800		260000	ug/kg	9.19	94.9	(0%-20%)		
Potassium	2600000		752000		3500000	ug/kg	1	106	(0%-20%)		
Selenium	260000	J	10300		271000	ug/kg	6.91	100	(0%-20%)		
Silver	52000	U	ND		52200	ug/kg	10.4	99.5	(0%-20%)		
Sodium	2600000		267000		2840000	ug/kg	5.49	98.9	(0%-20%)		
Thallium	260000	U	ND		246000	ug/kg	11.9	94.7	(0%-20%)		
Vanadium	260000		63100		321000	ug/kg	4.94	99.2	(0%-20%)		
Zinc	260000		165000		410000	ug/kg	1.06	94.3	(0%-20%)		
QC1206432312 771803012 PS											
Magnesium	5000		8620		13300	ug/L		93	(75%-125%)		04/14/26 14:43
QC1206432313 771803012 SDILT											
Aluminum			37500		7860	ug/L	4.86		(0%-20%)		04/14/26 14:46
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		J	7.95	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Barium		189		38.4	ug/L	1.57		(0%-20%)	EM2	04/14/26 14:46
Beryllium	J	1.12	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		213000		44800	ug/L	5.02		(0%-20%)		
Chromium		153		31.1	ug/L	1.81		(0%-20%)		
Cobalt		7.30	J	1.98	ug/L	36		(0%-20%)		
Copper		65.7	J	12.9	ug/L	1.65		(0%-20%)		
Iron		182000		39400	ug/L	8.07		(0%-20%)		
Lead	J	17.8	J	3.39	ug/L	4.56		(0%-20%)		
Magnesium		8620		1830	ug/L	6.25		(0%-20%)		
Manganese		1800		376	ug/L	4.3		(0%-20%)		
Nickel		25.2		5.67	ug/L	12.3		(0%-20%)		
Potassium		1480		294	ug/L	.897		(0%-20%)		
Selenium	J	20.2	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	04/14/26 14:46
Sodium		526	J	134	ug/L	27.4		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		125		25.2	ug/L	1.32		(0%-20%)		
Zinc		325		68.4	ug/L	5.16		(0%-20%)		
Metals Analysis-Mercury										
Batch 2976537										
QC1206434202 771565001 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			JP2	04/14/26 10:38
QC1206434201 LCS										
Mercury	2.00			2.13	ug/L		106	(80%-120%)		04/14/26 10:34
QC1206434200 MB										
Mercury			U	ND	ug/L					04/14/26 10:33
QC1206434203 771565001 MS										
Mercury	2.00 U	ND		2.12	ug/L		104	(75%-125%)		04/14/26 10:39
Batch 2976729										
QC1206434455 771854001 DUP										
Mercury	U	ND	U	ND	ug/kg	N/A			JP2	04/14/26 09:48
QC1206434454 LCS										
Mercury	220			208	ug/kg		94.5	(80%-120%)		04/14/26 09:41

QC Summary

Workorder: 771803

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 2976729											
QC1206434453 MB											
Mercury				U	ND	ug/kg				JP2	04/14/26 09:39
QC1206434456 771854001 MS											
Mercury	218	U	ND		200	ug/kg		88.3	(80%-120%)		04/14/26 09:50
Semi-Volatile-GC/MS											
Batch 2977541											
QC1206435780 LCS											
1,1'-Biphenyl	50.0				39.5	ug/L		79	(45%-114%)	LL2	04/16/26 17:32
1,2,4,5-Tetrachlorobenzene	50.0				38.4	ug/L		77	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0				45.2	ug/L		90	(41%-119%)		
2,4,5-Trichlorophenol	50.0				44.5	ug/L		89	(42%-122%)		
2,4,6-Trichlorophenol	50.0				43.6	ug/L		87	(40%-119%)		
2,4-Dichlorophenol	50.0				40.9	ug/L		82	(36%-111%)		
2,4-Dimethylphenol	50.0				22.6	ug/L		45	(31%-68%)		
2,4-Dinitrophenol	50.0				46.7	ug/L		93	(30%-120%)		
2,4-Dinitrotoluene	50.0				53.3	ug/L		107	(48%-128%)		
2,6-Dinitrotoluene	50.0				53.6	ug/L		107	(47%-124%)		
2-Chloronaphthalene	50.0				49.7	ug/L		99	(41%-113%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2-Chlorophenol	50.0			35.2	ug/L		70	(30%-95%)	LL2	04/16/26 17:32
2-Methyl-4,6-dinitrophenol	50.0			48.7	ug/L		97	(32%-131%)		
2-Methylnaphthalene	50.0			49.3	ug/L		99	(42%-116%)		
2-Nitrophenol	50.0			44.2	ug/L		88	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			46.5	ug/L		93	(43%-116%)		
4-Bromophenylphenylether	50.0			50.3	ug/L		101	(49%-125%)		
4-Chloro-3-methylphenol	50.0			39.4	ug/L		79	(35%-113%)		
4-Chloroaniline	50.0			38.7	ug/L		77	(39%-112%)		
4-Chlorophenylphenylether	50.0			50.3	ug/L		101	(48%-124%)		
4-Nitrophenol	50.0			30.7	ug/L		61	(25%-69%)		
Acenaphthene	50.0			47.7	ug/L		95	(44%-118%)		
Acenaphthylene	50.0			43.1	ug/L		86	(42%-110%)		
Acetophenone	50.0			41.1	ug/L		82	(44%-114%)		
Anthracene	50.0			47.2	ug/L		94	(49%-121%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Atrazine	50.0			31.7	ug/L		63	(49%-147%)	LL2	04/16/26 17:32
Benzaldehyde	50.0			12.5	ug/L		25*	(27%-111%)		
Benzo(a)anthracene	50.0			48.3	ug/L		97	(46%-121%)		
Benzo(a)pyrene	50.0			46.8	ug/L		94	(41%-120%)		
Benzo(b)fluoranthene	50.0			54.3	ug/L		109	(45%-126%)		
Benzo(ghi)perylene	50.0			52.1	ug/L		104	(44%-129%)		
Benzo(k)fluoranthene	50.0			50.0	ug/L		100	(44%-126%)		
Butylbenzylphthalate	50.0			54.7	ug/L		109	(47%-135%)		
Carbazole	50.0			51.2	ug/L		102	(52%-127%)		
Chrysene	50.0			47.1	ug/L		94	(46%-121%)		
Di-n-butylphthalate	50.0			52.2	ug/L		104	(51%-132%)		
Di-n-octylphthalate	50.0			54.9	ug/L		110	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			50.9	ug/L		102	(42%-123%)		
Dibenzofuran	50.0			48.2	ug/L		96	(48%-118%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Diethylphthalate	50.0			50.9	ug/L		102	(51%-131%)	LL2	04/16/26 17:32
Dimethylphthalate	50.0			47.9	ug/L		96	(48%-129%)		
Diphenylamine	50.0			48.2	ug/L		96	(49%-122%)		
Fluoranthene	50.0			52.1	ug/L		104	(50%-126%)		
Fluorene	50.0			48.6	ug/L		97	(48%-122%)		
Hexachlorobenzene	50.0			49.4	ug/L		99	(46%-122%)		
Hexachlorobutadiene	50.0			40.0	ug/L		80	(32%-94%)		
Hexachlorocyclopentadiene	50.0			15.1	ug/L		30*	(31%-64%)		
Hexachloroethane	50.0			37.5	ug/L		75	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			51.5	ug/L		103	(40%-125%)		
Isophorone	50.0			40.3	ug/L		81	(39%-126%)		
N-Nitrosodipropylamine	50.0			46.8	ug/L		94	(44%-122%)		
Naphthalene	50.0			44.1	ug/L		88	(41%-107%)		
Nitrobenzene	50.0			45.0	ug/L		90	(42%-112%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Pentachlorophenol	50.0			50.5	ug/L		101	(36%-124%)	LL2	04/16/26 17:32
Phenanthrene	50.0			48.4	ug/L		97	(48%-120%)		
Phenol	50.0			19.0	ug/L		38	(12%-90%)		
Pyrene	50.0			52.5	ug/L		105	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			43.8	ug/L		88	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			47.2	ug/L		94	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			43.7	ug/L		87	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			51.2	ug/L		102	(42%-132%)		
m,p-Cresols	50.0			33.9	ug/L		68	(29%-82%)		
m-Nitroaniline	50.0			48.8	ug/L		98	(44%-119%)		
o-Cresol	50.0			30.8	ug/L		62	(29%-86%)		
o-Nitroaniline	50.0			59.8	ug/L		120	(45%-128%)		
p-Nitroaniline	50.0			56.2	ug/L		112	(46%-130%)		
**2,4,6-Tribromophenol	100			90.9	ug/L		91	(28%-113%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
**2-Fluorobiphenyl	50.0			41.0	ug/L		82	(32%-102%)	LL2	04/16/26 17:32
**2-Fluorophenol	100			41.4	ug/L		41	(15%-72%)		
**Nitrobenzene-d5	50.0			41.2	ug/L		82	(31%-100%)		
**Phenol-d5	100			30.9	ug/L		31	(15%-85%)		
**p-Terphenyl-d14	50.0			42.5	ug/L		85	(20%-118%)		
QC1206435779 MB										
1,1'-Biphenyl			U	ND	ug/L					04/16/26 17:07
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2,6-Dinitrotoluene			U	ND	ug/L				LL2	04/16/26 17:07
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Acetophenone			U	ND	ug/L				LL2	04/16/26 17:07
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Dibenzo(a,h)anthracene			U	ND	ug/L				LL2	04/16/26 17:07
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2977541											
Naphthalene			U	ND	ug/L				LL2	04/16/26	17:07
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L						
Pyrene			U	ND	ug/L						
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L						
bis(2-Chloroethoxy)methane			U	ND	ug/L						
bis(2-Chloroethyl) ether			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
m,p-Cresols			U	ND	ug/L						
m-Nitroaniline			U	ND	ug/L						
o-Cresol			U	ND	ug/L						
o-Nitroaniline			U	ND	ug/L						

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
p-Nitroaniline				U	ND	ug/L				LL2	04/16/26 17:07
**2,4,6-Tribromophenol	100				71.4	ug/L		71	(28%-113%)		
**2-Fluorobiphenyl	50.0				34.6	ug/L		69	(32%-102%)		
**2-Fluorophenol	100				32.0	ug/L		32	(15%-72%)		
**Nitrobenzene-d5	50.0				33.5	ug/L		67	(31%-100%)		
**Phenol-d5	100				23.1	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0				38.0	ug/L		76	(20%-118%)		
QC1206435783 771903001 MS											
1,1'-Biphenyl	147	U	ND		110	ug/L		75	(30%-119%)		04/17/26 01:16
1,2,4,5-Tetrachlorobenzene	147	U	ND		108	ug/L		73	(28%-109%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		130	ug/L		88	(31%-125%)		
2,4,5-Trichlorophenol	147	U	ND		130	ug/L		89	(32%-128%)		
2,4,6-Trichlorophenol	147	U	ND		130	ug/L		88	(32%-122%)		
2,4-Dichlorophenol	147	U	ND		136	ug/L		92	(30%-117%)		
2,4-Dimethylphenol	147	U	ND		76.8	ug/L		52	(21%-75%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dinitrophenol	147	U	ND		146	ug/L		99	(24%-128%)	LL2	04/17/26 01:16
2,4-Dinitrotoluene	147	U	ND		144	ug/L		98	(36%-129%)		
2,6-Dinitrotoluene	147	U	ND		143	ug/L		97	(35%-126%)		
2-Chloronaphthalene	147	U	ND		138	ug/L		94	(31%-114%)		
2-Chlorophenol	147	U	ND		130	ug/L		88	(25%-106%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		144	ug/L		98	(25%-131%)		
2-Methylnaphthalene	147	U	ND		140	ug/L		95	(32%-117%)		
2-Nitrophenol	147	U	ND		141	ug/L		96	(28%-118%)		
3,3'-Dichlorobenzidine	147	U	ND		126	ug/L		86	(24%-119%)		
4-Bromophenylphenylether	147	U	ND		137	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	147	U	ND		126	ug/L		85	(32%-122%)		
4-Chloroaniline	147	U	ND		122	ug/L		83	(27%-117%)		
4-Chlorophenylphenylether	147	U	ND		136	ug/L		92	(35%-126%)		
4-Nitrophenol	147	U	ND		142	ug/L		96*	(9%-95%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Acenaphthene	147	U	ND		129	ug/L		88	(33%-118%)	LL2	04/17/26 01:16
Acenaphthylene	147	U	ND		118	ug/L		80	(30%-112%)		
Acetophenone	147	U	ND		121	ug/L		82	(31%-118%)		
Anthracene	147	U	ND		126	ug/L		86	(35%-122%)		
Atrazine	147	U	ND		78.5	ug/L		53	(26%-158%)		
Benzaldehyde	147	U	ND	U	ND	ug/L		0 *	(16%-109%)		
Benzo(a)anthracene	147	U	ND		128	ug/L		87	(33%-122%)		
Benzo(a)pyrene	147	U	ND		125	ug/L		85	(30%-121%)		
Benzo(b)fluoranthene	147	U	ND		142	ug/L		96	(33%-128%)		
Benzo(ghi)perylene	147	U	ND		138	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	147	U	ND		134	ug/L		91	(32%-128%)		
Butylbenzylphthalate	147	U	ND		146	ug/L		99	(35%-136%)		
Carbazole	147	U	ND		138	ug/L		94	(39%-129%)		
Chrysene	147	U	ND		125	ug/L		85	(34%-122%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2977541												
Di-n-butylphthalate	147	U	ND		140	ug/L		95	(36%-133%)	LL2	04/17/26	01:16
Di-n-octylphthalate	147	U	ND		148	ug/L		100	(29%-136%)			
Dibenzo(a,h)anthracene	147	U	ND		135	ug/L		92	(30%-124%)			
Dibenzofuran	147	U	ND		131	ug/L		89	(36%-120%)			
Diethylphthalate	147	U	ND		136	ug/L		92	(37%-133%)			
Dimethylphthalate	147	U	ND		134	ug/L		91	(36%-131%)			
Diphenylamine	147	U	ND		132	ug/L		90	(33%-124%)			
Fluoranthene	147	U	ND		140	ug/L		95	(36%-128%)			
Fluorene	147	U	ND		132	ug/L		90	(35%-124%)			
Hexachlorobenzene	147	U	ND		135	ug/L		92	(34%-123%)			
Hexachlorobutadiene	147	U	ND		111	ug/L		76	(22%-97%)			
Hexachlorocyclopentadiene	147	U	ND		42.7	ug/L		29	(18%-65%)			
Hexachloroethane	147	U	ND		102	ug/L		70	(20%-91%)			
Indeno(1,2,3-cd)pyrene	147	U	ND		137	ug/L		93	(29%-127%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Isophorone	147	U	ND		114	ug/L		77	(27%-128%)	LL2	04/17/26 01:16
N-Nitrosodipropylamine	147	U	ND		134	ug/L		91	(30%-128%)		
Naphthalene	147	U	ND		125	ug/L		85	(30%-109%)		
Nitrobenzene	147	U	ND		127	ug/L		86	(30%-117%)		
Pentachlorophenol	147	U	ND		140	ug/L		95	(30%-131%)		
Phenanthrene	147	U	ND		130	ug/L		89	(35%-122%)		
Phenol	147	U	ND		109	ug/L		74	(16%-74%)		
Pyrene	147	U	ND		139	ug/L		95	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		124	ug/L		84	(19%-144%)		
bis(2-Chloroethoxy)methane	147	U	ND		134	ug/L		91	(31%-117%)		
bis(2-Chloroethyl) ether	147	U	ND		129	ug/L		87	(29%-113%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		136	ug/L		92	(29%-135%)		
m,p-Cresols	147	U	ND		143	ug/L		97	(21%-105%)		
m-Nitroaniline	147	U	ND		141	ug/L		96	(29%-127%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
o-Cresol	147	U	ND		126	ug/L		85	(23%-104%)	LL2	04/17/26 01:16
o-Nitroaniline	147	U	ND		163	ug/L		111	(32%-130%)		
p-Nitroaniline	147	U	ND		156	ug/L		106	(33%-134%)		
**2,4,6-Tribromophenol	294		85.3		270	ug/L		92	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		115	ug/L		78	(32%-102%)		
**2-Fluorophenol	294		42.4		209	ug/L		71	(15%-72%)		
**Nitrobenzene-d5	147		36.3		119	ug/L		81	(31%-100%)		
**Phenol-d5	294		27.1		193	ug/L		66	(15%-85%)		
**p-Terphenyl-d14	147		39.1		126	ug/L		86	(20%-118%)		
QC1206435784 771903001 MSD											
1,1'-Biphenyl	147	U	ND		127	ug/L	15	87	(0%-30%)		04/17/26 01:42
1,2,4,5-Tetrachlorobenzene	147	U	ND		125	ug/L	15	85	(0%-30%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		151	ug/L	15	103	(0%-30%)		
2,4,5-Trichlorophenol	147	U	ND		152	ug/L	15	103	(0%-30%)		
2,4,6-Trichlorophenol	147	U	ND		151	ug/L	15	102	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dichlorophenol	147	U	ND		155	ug/L	13	105	(0%-30%)	LL2	04/17/26 01:42
2,4-Dimethylphenol	147	U	ND		87.0	ug/L	12	59	(0%-30%)		
2,4-Dinitrophenol	147	U	ND		165	ug/L	12	112	(0%-30%)		
2,4-Dinitrotoluene	147	U	ND		166	ug/L	15	113	(0%-30%)		
2,6-Dinitrotoluene	147	U	ND		165	ug/L	14	112	(0%-30%)		
2-Chloronaphthalene	147	U	ND		156	ug/L	12	106	(0%-30%)		
2-Chlorophenol	147	U	ND		145	ug/L	11	99	(0%-30%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		170	ug/L	17	115	(0%-30%)		
2-Methylnaphthalene	147	U	ND		160	ug/L	13	108	(0%-30%)		
2-Nitrophenol	147	U	ND		163	ug/L	14	111	(0%-30%)		
3,3'-Dichlorobenzidine	147	U	ND		146	ug/L	15	99	(0%-30%)		
4-Bromophenylphenylether	147	U	ND		158	ug/L	14	107	(0%-30%)		
4-Chloro-3-methylphenol	147	U	ND		153	ug/L	19	104	(0%-30%)		
4-Chloroaniline	147	U	ND		139	ug/L	13	95	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date Time
Semi-Volatile-GC/MS													
Batch 2977541													
4-Chlorophenylphenylether	147	U	ND		157	ug/L	15		107		(0%-30%)	LL2	04/17/26 01:42
4-Nitrophenol	147	U	ND		137	ug/L	3		93		(0%-30%)		
Acenaphthene	147	U	ND		150	ug/L	15		102		(0%-30%)		
Acenaphthylene	147	U	ND		136	ug/L	14		92		(0%-30%)		
Acetophenone	147	U	ND		138	ug/L	13		94		(0%-30%)		
Anthracene	147	U	ND		143	ug/L	13		97		(0%-30%)		
Atrazine	147	U	ND		83.6	ug/L	6		57		(0%-30%)		
Benzaldehyde	147	U	ND	J	21.5	ug/L	200	*	15	*	(0%-30%)		
Benzo(a)anthracene	147	U	ND		148	ug/L	15		101		(0%-30%)		
Benzo(a)pyrene	147	U	ND		144	ug/L	14		98		(0%-30%)		
Benzo(b)fluoranthene	147	U	ND		170	ug/L	18		116		(0%-30%)		
Benzo(ghi)perylene	147	U	ND		162	ug/L	16		110		(0%-30%)		
Benzo(k)fluoranthene	147	U	ND		147	ug/L	10		100		(0%-30%)		
Butylbenzylphthalate	147	U	ND		170	ug/L	15		116		(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Carbazole	147	U	ND		156	ug/L	12	106	(0%-30%)	LL2	04/17/26 01:42
Chrysene	147	U	ND		144	ug/L	14	98	(0%-30%)		
Di-n-butylphthalate	147	U	ND		161	ug/L	14	109	(0%-30%)		
Di-n-octylphthalate	147	U	ND		171	ug/L	14	116	(0%-30%)		
Dibenzo(a,h)anthracene	147	U	ND		157	ug/L	15	107	(0%-30%)		
Dibenzofuran	147	U	ND		151	ug/L	15	103	(0%-30%)		
Diethylphthalate	147	U	ND		157	ug/L	14	107	(0%-30%)		
Dimethylphthalate	147	U	ND		153	ug/L	13	104	(0%-30%)		
Diphenylamine	147	U	ND		150	ug/L	12	102	(0%-30%)		
Fluoranthene	147	U	ND		160	ug/L	13	108	(0%-30%)		
Fluorene	147	U	ND		151	ug/L	13	102	(0%-30%)		
Hexachlorobenzene	147	U	ND		156	ug/L	15	106	(0%-30%)		
Hexachlorobutadiene	147	U	ND		125	ug/L	11	85	(0%-30%)		
Hexachlorocyclopentadiene	147	U	ND		50.9	ug/L	18	35	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Hexachloroethane	147	U	ND		112	ug/L	9	76	(0%-30%)	LL2	04/17/26 01:42
Indeno(1,2,3-cd)pyrene	147	U	ND		159	ug/L	15	108	(0%-30%)		
Isophorone	147	U	ND		130	ug/L	13	88	(0%-30%)		
N-Nitrosodipropylamine	147	U	ND		155	ug/L	15	105	(0%-30%)		
Naphthalene	147	U	ND		140	ug/L	12	95	(0%-30%)		
Nitrobenzene	147	U	ND		145	ug/L	13	98	(0%-30%)		
Pentachlorophenol	147	U	ND		161	ug/L	14	109	(0%-30%)		
Phenanthrene	147	U	ND		149	ug/L	13	101	(0%-30%)		
Phenol	147	U	ND		122	ug/L	12	83*	(0%-30%)		
Pyrene	147	U	ND		160	ug/L	14	108	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		140	ug/L	12	95	(0%-30%)		
bis(2-Chloroethoxy)methane	147	U	ND		155	ug/L	14	105	(0%-30%)		
bis(2-Chloroethyl) ether	147	U	ND		142	ug/L	10	97	(0%-30%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		158	ug/L	15	108	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
m,p-Cresols	147	U	ND		161	ug/L	12	110*	(0%-30%)	LL2	04/17/26 01:42
m-Nitroaniline	147	U	ND		160	ug/L	13	109	(0%-30%)		
o-Cresol	147	U	ND		141	ug/L	12	96	(0%-30%)		
o-Nitroaniline	147	U	ND		189	ug/L	15	128	(0%-30%)		
p-Nitroaniline	147	U	ND		175	ug/L	11	119	(0%-30%)		
**2,4,6-Tribromophenol	294		85.3		307	ug/L		104	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		130	ug/L		89	(32%-102%)		
**2-Fluorophenol	294		42.4		230	ug/L		78*	(15%-72%)		
**Nitrobenzene-d5	147		36.3		135	ug/L		92	(31%-100%)		
**Phenol-d5	294		27.1		215	ug/L		73	(15%-85%)		
**p-Terphenyl-d14	147		39.1		141	ug/L		96	(20%-118%)		
Batch 2978441											
QC1206437201 LCS											
1,1'-Biphenyl	1660				1370	ug/kg		83	(47%-110%)	LL2	04/16/26 17:24
1,2,4,5-Tetrachlorobenzene	1660				1280	ug/kg		77	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1300	ug/kg		78	(44%-114%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
2,4,5-Trichlorophenol	1660			1430	ug/kg		86	(50%-121%)	LL2	04/16/26 17:24
2,4,6-Trichlorophenol	1660			1440	ug/kg		87	(48%-112%)		
2,4-Dichlorophenol	1660			1390	ug/kg		84	(47%-112%)		
2,4-Dimethylphenol	1660			987	ug/kg		60	(32%-74%)		
2,4-Dinitrophenol	1660			873	ug/kg		53	(22%-89%)		
2,4-Dinitrotoluene	1660			1450	ug/kg		88	(49%-121%)		
2,6-Dinitrotoluene	1660			1440	ug/kg		87	(47%-118%)		
2-Chloronaphthalene	1660			1400	ug/kg		85	(44%-107%)		
2-Chlorophenol	1660			1430	ug/kg		86	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1020	ug/kg		62	(21%-106%)		
2-Methylnaphthalene	1660			1550	ug/kg		94	(47%-109%)		
2-Nitrophenol	1660			1390	ug/kg		84	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1260	ug/kg		76	(39%-100%)		
4-Bromophenylphenylether	1660			1440	ug/kg		87	(50%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
4-Chloro-3-methylphenol	1660			1490	ug/kg		90	(50%-114%)	LL2	04/16/26 17:24
4-Chloroaniline	1660			1290	ug/kg		78	(38%-96%)		
4-Chlorophenylphenylether	1660			1470	ug/kg		89	(50%-118%)		
4-Nitrophenol	1660			1620	ug/kg		98	(46%-120%)		
Acenaphthene	1660			1410	ug/kg		85	(45%-112%)		
Acenaphthylene	1660			1320	ug/kg		80	(43%-106%)		
Acetophenone	1660			1330	ug/kg		80	(35%-100%)		
Anthracene	1660			1500	ug/kg		91	(50%-115%)		
Atrazine	1660			1570	ug/kg		95	(51%-144%)		
Benzaldehyde	1660			457	ug/kg		28	(21%-89%)		
Benzo(a)anthracene	1660			1450	ug/kg		87	(51%-117%)		
Benzo(a)pyrene	1660			1400	ug/kg		84	(48%-118%)		
Benzo(b)fluoranthene	1660			1510	ug/kg		92	(51%-121%)		
Benzo(ghi)perylene	1660			1470	ug/kg		89	(51%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Benzo(k)fluoranthene	1660			1510	ug/kg		91	(50%-124%)	LL2	04/16/26 17:24
Butylbenzylphthalate	1660			1680	ug/kg		102	(51%-133%)		
Carbazole	1660			1510	ug/kg		91	(53%-119%)		
Chrysene	1660			1410	ug/kg		85	(52%-116%)		
Di-n-butylphthalate	1660			1640	ug/kg		99	(54%-126%)		
Di-n-octylphthalate	1660			1580	ug/kg		95	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1440	ug/kg		87	(48%-120%)		
Dibenzofuran	1660			1420	ug/kg		86	(50%-110%)		
Diethylphthalate	1660			1560	ug/kg		94	(52%-123%)		
Dimethylphthalate	1660			1470	ug/kg		89	(49%-124%)		
Diphenylamine	1660			1540	ug/kg		93	(51%-115%)		
Fluoranthene	1660			1510	ug/kg		91	(52%-121%)		
Fluorene	1660			1450	ug/kg		88	(50%-116%)		
Hexachlorobenzene	1660			1440	ug/kg		87	(48%-117%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Hexachlorobutadiene	1660			1300	ug/kg		79	(40%-105%)	LL2	04/16/26 17:24
Hexachlorocyclopentadiene	1660			538	ug/kg		33	(26%-82%)		
Hexachloroethane	1660			1340	ug/kg		81	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1440	ug/kg		87	(47%-123%)		
Isophorone	1660			1400	ug/kg		85	(37%-120%)		
N-Nitrosodipropylamine	1660			1600	ug/kg		97	(46%-113%)		
Naphthalene	1660			1380	ug/kg		83	(44%-105%)		
Nitrobenzene	1660			1510	ug/kg		91	(44%-106%)		
Pentachlorophenol	1660			1490	ug/kg		90	(36%-111%)		
Phenanthrene	1660			1450	ug/kg		88	(50%-114%)		
Phenol	1660			1530	ug/kg		92	(46%-107%)		
Pyrene	1660			1500	ug/kg		91	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1640	ug/kg		99	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1480	ug/kg		90	(45%-106%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
bis(2-Chloroethyl) ether	1660			1440	ug/kg		87	(44%-106%)	LL2	04/16/26 17:24
bis(2-Ethylhexyl)phthalate	1660			1670	ug/kg		101	(50%-134%)		
m,p-Cresols	1660			1470	ug/kg		89	(46%-106%)		
m-Nitroaniline	1660			1390	ug/kg		84	(41%-108%)		
o-Cresol	1660			1440	ug/kg		87	(45%-105%)		
o-Nitroaniline	1660			1660	ug/kg		100	(48%-117%)		
p-Nitroaniline	1660			1520	ug/kg		92	(49%-119%)		
**2,4,6-Tribromophenol	3310			2680	ug/kg		81	(20%-104%)		
**2-Fluorobiphenyl	1660			1250	ug/kg		76	(20%-93%)		
**2-Fluorophenol	3310			2730	ug/kg		83	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		81	(19%-90%)		
**Phenol-d5	3310			2830	ug/kg		85	(20%-99%)		
**p-Terphenyl-d14	1660			1320	ug/kg		80	(24%-107%)		
QC1206437200 MB										
1,1'-Biphenyl			U	ND	ug/kg					04/16/26 17:02

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg				LL2	04/16/26 17:02
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
3,3'-Dichlorobenzidine			U	ND	ug/kg				LL2	04/16/26 17:02
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Benzo(b)fluoranthene			U	ND	ug/kg				LL2	04/16/26 17:02
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Fluorene			U	ND	ug/kg				LL2	04/16/26 17:02
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg				LL2	04/16/26 17:02
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			2540	ug/kg		76	(20%-104%)		
**2-Fluorobiphenyl	1660			1260	ug/kg		76	(20%-93%)		
**2-Fluorophenol	3320			2730	ug/kg		82	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		82	(19%-90%)		
**Phenol-d5	3320			2740	ug/kg		83	(20%-99%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
**p-Terphenyl-d14	1660				1360	ug/kg		82	(24%-107%)	LL2	04/16/26 17:02
QC1206437202 771803012 MS											
1,1'-Biphenyl	8780	U	ND	J	1630	ug/kg		19	(16%-112%)		04/16/26 18:08
1,2,4,5-Tetrachlorobenzene	8780	U	ND	J	1510	ug/kg		17	(16%-106%)		
2,3,4,6-Tetrachlorophenol	8780	U	ND	J	1430	ug/kg		16	(15%-114%)		
2,4,5-Trichlorophenol	8780	U	ND	J	1630	ug/kg		19	(16%-122%)		
2,4,6-Trichlorophenol	8780	U	ND	J	1630	ug/kg		19	(16%-112%)		
2,4-Dichlorophenol	8780	U	ND	J	1650	ug/kg		19	(15%-112%)		
2,4-Dimethylphenol	8780	U	ND	J	1170	ug/kg		13*	(17%-73%)		
2,4-Dinitrophenol	8780	U	ND	J	2290	ug/kg		26	(19%-117%)		
2,4-Dinitrotoluene	8780	U	ND	J	1660	ug/kg		19	(15%-119%)		
2,6-Dinitrotoluene	8780	U	ND	J	1670	ug/kg		19	(14%-119%)		
2-Chloronaphthalene	8780	U	ND		1660	ug/kg		19	(15%-108%)		
2-Chlorophenol	8780	U	ND	J	1720	ug/kg		20	(17%-104%)		
2-Methyl-4,6-dinitrophenol	8780	U	ND	J	890	ug/kg		10	(10%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2978441												
2-Methylnaphthalene	8780	U	ND		1810	ug/kg		21	(16%-108%)	LL2	04/16/26	18:08
2-Nitrophenol	8780	U	ND	J	1560	ug/kg		18	(14%-107%)			
3,3'-Dichlorobenzidine	8780	U	ND	J	1590	ug/kg		18	(13%-95%)			
4-Bromophenylphenylether	8780	U	ND	J	1730	ug/kg		20	(16%-122%)			
4-Chloro-3-methylphenol	8780	U	ND		1840	ug/kg		21	(17%-116%)			
4-Chloroaniline	8780	U	ND	J	1610	ug/kg		18	(16%-91%)			
4-Chlorophenylphenylether	8780	U	ND	J	1720	ug/kg		20	(16%-120%)			
4-Nitrophenol	8780	U	ND		1790	ug/kg		20	(14%-122%)			
Acenaphthene	8780	U	ND		1670	ug/kg		19	(15%-114%)			
Acenaphthylene	8780	U	ND		1550	ug/kg		18	(16%-107%)			
Acetophenone	8780	U	ND	J	1610	ug/kg		18	(16%-97%)			
Anthracene	8780	U	ND		1820	ug/kg		21	(16%-119%)			
Atrazine	8780	U	ND		1890	ug/kg		22	(12%-144%)			
Benzaldehyde	8780	U	ND	U	ND	ug/kg		0 *	(12%-103%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Benzo(a)anthracene	8780	U	ND		1830	ug/kg		21	(16%-120%)	LL2	04/16/26 18:08
Benzo(a)pyrene	8780	U	ND		1740	ug/kg		20	(16%-119%)		
Benzo(b)fluoranthene	8780	U	ND		1860	ug/kg		21	(16%-123%)		
Benzo(ghi)perylene	8780	U	ND		1850	ug/kg		21	(15%-127%)		
Benzo(k)fluoranthene	8780	U	ND		1870	ug/kg		21	(16%-126%)		
Butylbenzylphthalate	8780	U	ND		2130	ug/kg		24	(14%-135%)		
Carbazole	8780	U	ND		1860	ug/kg		21	(16%-123%)		
Chrysene	8780	U	ND		1820	ug/kg		21	(17%-119%)		
Di-n-butylphthalate	8780	U	ND		2060	ug/kg		23	(16%-129%)		
Di-n-octylphthalate	8780	U	ND		1990	ug/kg		23	(16%-134%)		
Dibenzo(a,h)anthracene	8780	U	ND		1750	ug/kg		20	(16%-120%)		
Dibenzofuran	8780	U	ND	J	1690	ug/kg		19	(17%-114%)		
Diethylphthalate	8780	U	ND		1860	ug/kg		21	(16%-124%)		
Dimethylphthalate	8780	U	ND		1780	ug/kg		20	(16%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Diphenylamine	8780	U	ND		1850	ug/kg		21	(18%-116%)	LL2	04/16/26 18:08
Fluoranthene	8780	U	ND		1870	ug/kg		21	(17%-124%)		
Fluorene	8780	U	ND		1730	ug/kg		20	(16%-119%)		
Hexachlorobenzene	8780	U	ND	J	1720	ug/kg		20	(18%-117%)		
Hexachlorobutadiene	8780	U	ND	J	1510	ug/kg		17	(15%-101%)		
Hexachlorocyclopentadiene	8780	U	ND	U	ND	ug/kg		0*	(16%-60%)		
Hexachloroethane	8780	U	ND	J	1280	ug/kg		15*	(16%-87%)		
Indeno(1,2,3-cd)pyrene	8780	U	ND		1790	ug/kg		20	(14%-125%)		
Isophorone	8780	U	ND	J	1660	ug/kg		19	(12%-116%)		
N-Nitrosodipropylamine	8780	U	ND		1950	ug/kg		22	(14%-113%)		
Naphthalene	8780	U	ND		1620	ug/kg		18	(15%-105%)		
Nitrobenzene	8780	U	ND	J	1750	ug/kg		20	(15%-105%)		
Pentachlorophenol	8780	U	ND	J	1560	ug/kg		18	(11%-115%)		
Phenanthrene	8780	U	ND		1800	ug/kg		20	(15%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2978441												
Phenol	8780	U	ND		1840	ug/kg		21	(16%-107%)	LL2	04/16/26	18:08
Pyrene	8780	U	ND		1870	ug/kg		21	(15%-127%)			
bis(2-Chloro-1-methylethyl)ether	8780	U	ND		1970	ug/kg		22	(10%-110%)			
bis(2-Chloroethoxy)methane	8780	U	ND		1770	ug/kg		20	(16%-105%)			
bis(2-Chloroethyl) ether	8780	U	ND	J	1710	ug/kg		19	(14%-106%)			
bis(2-Ethylhexyl)phthalate	8780	U	ND		2090	ug/kg		24	(15%-135%)			
m,p-Cresols	8780	U	ND		1780	ug/kg		20	(17%-106%)			
m-Nitroaniline	8780	U	ND	J	1710	ug/kg		19	(15%-103%)			
o-Cresol	8780	U	ND	J	1710	ug/kg		19	(17%-104%)			
o-Nitroaniline	8780	U	ND		1910	ug/kg		22	(16%-116%)			
p-Nitroaniline	8780	U	ND	J	1700	ug/kg		19	(12%-118%)			
**2,4,6-Tribromophenol	17600		7430		3180	ug/kg		18*	(20%-104%)			
**2-Fluorobiphenyl	8780		3260		1500	ug/kg		17*	(20%-93%)			
**2-Fluorophenol	17600		7010		3510	ug/kg		20	(19%-94%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
**Nitrobenzene-d5	8780		3350		1670	ug/kg			19	(19%-90%)	LL2	04/16/26	18:08
**Phenol-d5	17600		7450		3590	ug/kg			20	(20%-99%)			
**p-Terphenyl-d14	8780		4210		1770	ug/kg			20*	(24%-107%)			
QC1206437203 771803012 MSD													
1,1'-Biphenyl	8780	U	ND	J	1020	ug/kg	46	*	12*	(0%-30%)		04/16/26	18:30
1,2,4,5-Tetrachlorobenzene	8780	U	ND	J	920	ug/kg	48	*	10*	(0%-30%)			
2,3,4,6-Tetrachlorophenol	8780	U	ND	J	1030	ug/kg	32	*	12*	(0%-30%)			
2,4,5-Trichlorophenol	8780	U	ND	J	1160	ug/kg	34	*	13*	(0%-30%)			
2,4,6-Trichlorophenol	8780	U	ND	J	1130	ug/kg	37	*	13*	(0%-30%)			
2,4-Dichlorophenol	8780	U	ND	J	1050	ug/kg	45	*	12*	(0%-30%)			
2,4-Dimethylphenol	8780	U	ND	J	734	ug/kg	46	*	8*	(0%-30%)			
2,4-Dinitrophenol	8780	U	ND	J	2190	ug/kg	4		25	(0%-30%)			
2,4-Dinitrotoluene	8780	U	ND	J	1160	ug/kg	36	*	13*	(0%-30%)			
2,6-Dinitrotoluene	8780	U	ND	J	1140	ug/kg	38	*	13*	(0%-30%)			
2-Chloronaphthalene	8780	U	ND		1040	ug/kg	45	*	12*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
2-Chlorophenol	8780	U	ND	J	1020	ug/kg	51	*	12*	(0%-30%)	LL2	04/16/26	18:30
2-Methyl-4,6-dinitrophenol	8780	U	ND	J	687	ug/kg	26		8*	(0%-30%)			
2-Methylnaphthalene	8780	U	ND		1080	ug/kg	51	*	12*	(0%-30%)			
2-Nitrophenol	8780	U	ND	J	915	ug/kg	52	*	10*	(0%-30%)			
3,3'-Dichlorobenzidine	8780	U	ND	J	1210	ug/kg	27		14	(0%-30%)			
4-Bromophenylphenylether	8780	U	ND	J	1210	ug/kg	35	*	14*	(0%-30%)			
4-Chloro-3-methylphenol	8780	U	ND	J	1250	ug/kg	38	*	14*	(0%-30%)			
4-Chloroaniline	8780	U	ND	J	1060	ug/kg	41	*	12*	(0%-30%)			
4-Chlorophenylphenylether	8780	U	ND	J	1230	ug/kg	34	*	14*	(0%-30%)			
4-Nitrophenol	8780	U	ND	J	1270	ug/kg	34	*	14	(0%-30%)			
Acenaphthene	8780	U	ND		1120	ug/kg	40	*	13*	(0%-30%)			
Acenaphthylene	8780	U	ND		999	ug/kg	43	*	11*	(0%-30%)			
Acetophenone	8780	U	ND	J	957	ug/kg	51	*	11*	(0%-30%)			
Anthracene	8780	U	ND		1330	ug/kg	31	*	15*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Atrazine	8780	U	ND	J	1440	ug/kg	27	16	(0%-30%)	LL2	04/16/26 18:30
Benzaldehyde	8780	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Benzo(a)anthracene	8780	U	ND		1420	ug/kg	25	16	(0%-30%)		
Benzo(a)pyrene	8780	U	ND		1370	ug/kg	24	16	(0%-30%)		
Benzo(b)fluoranthene	8780	U	ND		1470	ug/kg	23	17	(0%-30%)		
Benzo(ghi)perylene	8780	U	ND		1420	ug/kg	27	16	(0%-30%)		
Benzo(k)fluoranthene	8780	U	ND		1450	ug/kg	25	16	(0%-30%)		
Butylbenzylphthalate	8780	U	ND		1660	ug/kg	25	19	(0%-30%)		
Carbazole	8780	U	ND		1400	ug/kg	28	16	(0%-30%)		
Chrysene	8780	U	ND		1390	ug/kg	27	16*	(0%-30%)		
Di-n-butylphthalate	8780	U	ND		1550	ug/kg	28	18	(0%-30%)		
Di-n-octylphthalate	8780	U	ND		1540	ug/kg	26	18	(0%-30%)		
Dibenzo(a,h)anthracene	8780	U	ND		1360	ug/kg	25	15*	(0%-30%)		
Dibenzofuran	8780	U	ND	J	1150	ug/kg	38 *	13*	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
Diethylphthalate	8780	U	ND		1310	ug/kg	35	*	15*	(0%-30%)	LL2	04/16/26	18:30
Dimethylphthalate	8780	U	ND		1240	ug/kg	36	*	14*	(0%-30%)			
Diphenylamine	8780	U	ND	J	1310	ug/kg	34	*	15*	(0%-30%)			
Fluoranthene	8780	U	ND		1430	ug/kg	27		16*	(0%-30%)			
Fluorene	8780	U	ND		1180	ug/kg	38	*	13*	(0%-30%)			
Hexachlorobenzene	8780	U	ND	J	1250	ug/kg	32	*	14*	(0%-30%)			
Hexachlorobutadiene	8780	U	ND	J	834	ug/kg	58	*	9*	(0%-30%)			
Hexachlorocyclopentadiene	8780	U	ND	U	ND	ug/kg	N/A		0*	(0%-30%)			
Hexachloroethane	8780	U	ND	J	599	ug/kg	73	*	7*	(0%-30%)			
Indeno(1,2,3-cd)pyrene	8780	U	ND		1390	ug/kg	26		16	(0%-30%)			
Isophorone	8780	U	ND	J	1000	ug/kg	49	*	11*	(0%-30%)			
N-Nitrosodipropylamine	8780	U	ND	J	1200	ug/kg	47	*	14	(0%-30%)			
Naphthalene	8780	U	ND		931	ug/kg	54	*	11*	(0%-30%)			
Nitrobenzene	8780	U	ND	J	1040	ug/kg	51	*	12*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
Pentachlorophenol	8780	U	ND	J	1150	ug/kg	30		13	(0%-30%)	LL2	04/16/26	18:30
Phenanthrene	8780	U	ND		1310	ug/kg	31	*	15	(0%-30%)			
Phenol	8780	U	ND	J	1180	ug/kg	44	*	13*	(0%-30%)			
Pyrene	8780	U	ND		1430	ug/kg	27		16	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	8780	U	ND	J	1110	ug/kg	55	*	13	(0%-30%)			
bis(2-Chloroethoxy)methane	8780	U	ND	J	1080	ug/kg	48	*	12*	(0%-30%)			
bis(2-Chloroethyl) ether	8780	U	ND	J	971	ug/kg	55	*	11*	(0%-30%)			
bis(2-Ethylhexyl)phthalate	8780	U	ND		1630	ug/kg	25		19	(0%-30%)			
m,p-Cresols	8780	U	ND	J	1190	ug/kg	40	*	14*	(0%-30%)			
m-Nitroaniline	8780	U	ND	J	1200	ug/kg	35	*	14*	(0%-30%)			
o-Cresol	8780	U	ND	J	1070	ug/kg	46	*	12*	(0%-30%)			
o-Nitroaniline	8780	U	ND	J	1290	ug/kg	38	*	15*	(0%-30%)			
p-Nitroaniline	8780	U	ND	J	1250	ug/kg	31	*	14	(0%-30%)			
**2,4,6-Tribromophenol	17600		7430		2110	ug/kg			12*	(20%-104%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
**2-Fluorobiphenyl	8780	3260		897	ug/kg		10*	(20%-93%)	LL2	04/16/26 18:30
**2-Fluorophenol	17600	7010		1950	ug/kg		11*	(19%-94%)		
**Nitrobenzene-d5	8780	3350		894	ug/kg		10*	(19%-90%)		
**Phenol-d5	17600	7450		2190	ug/kg		12*	(20%-99%)		
**p-Terphenyl-d14	8780	4210		1260	ug/kg		14*	(24%-107%)		
Semi-Volatiles-PCB										
Batch 2979246										
QC1206438587 LCS										
Aroclor-1016	1.00			0.801	ug/L		80	(70%-130%)	JXM	04/17/26 11:46
Aroclor-1260	1.00			0.832	ug/L		83	(70%-130%)		
**4cmx	0.200			0.148	ug/L		74	(28%-114%)		
**Decachlorobiphenyl	0.200			0.153	ug/L		76	(30%-135%)		
QC1206438586 MB										
Aroclor-1016			U	ND	ug/L					04/17/26 11:35
Aroclor-1221			U	ND	ug/L					
Aroclor-1232			U	ND	ug/L					
Aroclor-1242			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-PCB												
Batch 2979246												
Aroclor-1248				U	ND	ug/L				JXM	04/17/26	11:35
Aroclor-1254				U	ND	ug/L						
Aroclor-1260				U	ND	ug/L						
Aroclor-1262				U	ND	ug/L						
Aroclor-1268				U	ND	ug/L						
**4cmx	0.200				0.141	ug/L		70	(28%-114%)			
**Decachlorobiphenyl	0.200				0.144	ug/L		72	(30%-135%)			
QC1206438588 772714003 MS												
Aroclor-1016	2.00	U	ND		1.62	ug/L		81	(36%-114%)		04/17/26	12:46
Aroclor-1260	2.00	U	ND		1.45	ug/L		72	(31%-121%)			
**4cmx	0.400		0.146		0.284	ug/L		71	(28%-114%)			
**Decachlorobiphenyl	0.400		0.130		0.186	ug/L		46	(30%-135%)			
QC1206438589 772714003 MSD												
Aroclor-1016	2.00	U	ND		1.64	ug/L	1	82	(0%-30%)		04/17/26	13:02
Aroclor-1260	2.00	U	ND		1.52	ug/L	5	76	(0%-31%)			
**4cmx	0.400		0.146		0.287	ug/L		72	(28%-114%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2979246										
**Decachlorobiphenyl	0.400	0.130		0.204	ug/L		51	(30%-135%)	JXM	04/17/26 13:02
Semi-Volatiles-Pesticide										
Batch 2979097										
QC1206438367 LCS										
4,4'-DDD	1.25			1.25	ug/L		100	(70%-130%)	YS1	04/17/26 11:03
4,4'-DDE	1.25			1.17	ug/L		94	(70%-130%)		
4,4'-DDT	1.25			1.21	ug/L		97	(70%-130%)		
Aldrin	0.500			0.498	ug/L		100	(70%-130%)		
Dieldrin	1.25			1.24	ug/L		99	(70%-130%)		
Endosulfan I	0.500			0.462	ug/L		92	(70%-130%)		
Endosulfan II	1.25			1.22	ug/L		98	(70%-130%)		
Endosulfan sulfate	1.25			1.09	ug/L		87	(70%-130%)		
Endrin	1.25			1.19	ug/L		95	(70%-130%)		
Endrin aldehyde	1.25			1.29	ug/L		103	(70%-130%)		
Endrin ketone	1.25			1.28	ug/L		102	(70%-130%)		
Heptachlor	0.500			0.456	ug/L		91	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
Heptachlor epoxide	0.500			0.517	ug/L		103	(70%-130%)	YS1	04/17/26 11:03
Methoxychlor	5.00			4.64	ug/L		93	(70%-130%)		
alpha-BHC	0.500			0.507	ug/L		101	(70%-130%)		
beta-BHC	0.500			0.450	ug/L		90	(70%-130%)		
cis-Chlordane	0.500			0.484	ug/L		97	(70%-130%)		
delta-BHC	0.500			0.534	ug/L		107	(70%-130%)		
gamma-BHC (Lindane)	0.500			0.503	ug/L		101	(70%-130%)		
trans-Chlordane	0.500			0.486	ug/L		97	(70%-130%)		
**4cmx	1.00			0.833	ug/L		83	(29%-119%)		
**Decachlorobiphenyl	1.00			0.881	ug/L		88	(43%-140%)		
QC1206438369 LCS										
Toxaphene	4.00			3.85	ug/L		96	(70%-130%)		04/17/26 11:21
**4cmx	1.00			0.847	ug/L		85	(29%-119%)		
**Decachlorobiphenyl	1.00			0.901	ug/L		90	(43%-140%)		
QC1206438368 LCSD										
4,4'-DDD	1.25			1.27	ug/L	1	101	(0%-30%)		04/17/26 11:39

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
4,4'-DDE	1.25			1.17	ug/L	1	93	(0%-30%)	YS1	04/17/26 11:39
4,4'-DDT	1.25			1.22	ug/L	0	97	(0%-30%)		
Aldrin	0.500			0.498	ug/L	0	100	(0%-30%)		
Dieldrin	1.25			1.25	ug/L	1	100	(0%-30%)		
Endosulfan I	0.500			0.466	ug/L	1	93	(0%-30%)		
Endosulfan II	1.25			1.26	ug/L	3	101	(0%-30%)		
Endosulfan sulfate	1.25			1.12	ug/L	3	90	(0%-30%)		
Endrin	1.25			1.20	ug/L	1	96	(0%-30%)		
Endrin aldehyde	1.25			1.32	ug/L	3	106	(0%-30%)		
Endrin ketone	1.25			1.29	ug/L	1	103	(0%-30%)		
Heptachlor	0.500			0.460	ug/L	1	92	(0%-30%)		
Heptachlor epoxide	0.500			0.524	ug/L	1	105	(0%-30%)		
Methoxychlor	5.00			4.64	ug/L	0	93	(0%-30%)		
alpha-BHC	0.500			0.514	ug/L	1	103	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
beta-BHC	0.500			0.463	ug/L	3	93	(0%-30%)	YS1	04/17/26 11:39
cis-Chlordane	0.500			0.487	ug/L	0	97	(0%-30%)		
delta-BHC	0.500			0.546	ug/L	2	109	(0%-30%)		
gamma-BHC (Lindane)	0.500			0.513	ug/L	2	103	(0%-30%)		
trans-Chlordane	0.500			0.486	ug/L	0	97	(0%-30%)		
**4cmx	1.00			0.853	ug/L		85	(29%-119%)		
**Decachlorobiphenyl	1.00			0.906	ug/L		91	(43%-140%)		
QC1206438366 MB										
4,4'-DDD			U	ND	ug/L					04/17/26 10:44
4,4'-DDE			U	ND	ug/L					
4,4'-DDT			U	ND	ug/L					
Aldrin			U	ND	ug/L					
Dieldrin			U	ND	ug/L					
Endosulfan I			U	ND	ug/L					
Endosulfan II			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
Endosulfan sulfate			U	ND	ug/L				YS1	04/17/26 10:44
Endrin			U	ND	ug/L					
Endrin aldehyde			U	ND	ug/L					
Endrin ketone			U	ND	ug/L					
Heptachlor			U	ND	ug/L					
Heptachlor epoxide			U	ND	ug/L					
Methoxychlor			U	ND	ug/L					
Toxaphene			U	ND	ug/L					
alpha-BHC			U	ND	ug/L					
beta-BHC			U	ND	ug/L					
cis-Chlordane			U	ND	ug/L					
delta-BHC			U	ND	ug/L					
gamma-BHC (Lindane)			U	ND	ug/L					
trans-Chlordane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2979097											
**4cmx	1.00			0.873	ug/L			87	(29%-119%)	YS1	04/17/26 10:44
**Decachlorobiphenyl	1.00			0.944	ug/L			94	(43%-140%)		
Spectrometric Analysis											
Batch 2975721											
QC1206432725 771803002 DUP											
Hexavalent Chromium	U	ND	U	ND	mg/L	N/A				IS2	04/10/26 10:00
QC1206432727 771804009 DUP											
Hexavalent Chromium	J	0.00525	J	0.00525	mg/L	0	^		(+/-0.0100)		04/10/26 10:01
QC1206432724 LCS											
Hexavalent Chromium	0.0472			0.0498	mg/L			106	(85%-115%)		04/10/26 10:00
QC1206432723 MB											
Hexavalent Chromium			U	ND	mg/L						04/10/26 10:00
QC1206432726 771803002 MS											
Hexavalent Chromium	0.0472	U	ND	0.0510	mg/L			108	(85%-115%)		04/10/26 10:00
Batch 2980165											
QC1206440372 771638009 DUP											
Hexavalent Chromium	U	ND	U	ND	mg/kg	N/A				BR2	04/22/26 16:01
QC1206440374 ILCS											
Hexavalent Chromium	7.86			7.72	mg/kg			98.2	(80%-120%)		04/22/26 16:01
QC1206440369 LCS											
Hexavalent Chromium	3.41			3.27	mg/kg			95.8	(80%-120%)		04/22/26 16:01

QC Summary

Workorder: 771803

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2980165											
QC1206440368 MB											
Hexavalent Chromium				U	ND	mg/kg				BR2	04/22/26 16:01
QC1206440373 771638009 MS											
Hexavalent Chromium	3.90	U	ND		3.43	mg/kg		87.3	(75%-125%)		04/22/26 16:01
Volatile-GC/MS											
Batch 2981765											
QC1206443374 LCS											
1,1,1-Trichloroethane	50.0				54.0	ug/L		108	(70%-130%)	CO1	04/21/26 08:20
1,1,2,2-Tetrachloroethane	50.0				45.2	ug/L		90	(70%-130%)		
1,1,2-Trichloroethane	50.0				44.1	ug/L		88	(70%-130%)		
1,1-Dichloroethane	50.0				46.7	ug/L		93	(70%-130%)		
1,1-Dichloroethylene	50.0				55.7	ug/L		111	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				47.9	ug/L		96	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				49.6	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				41.9	ug/L		84	(70%-130%)		
1,2-Dibromoethane	50.0				46.1	ug/L		92	(70%-130%)		
1,2-Dichlorobenzene	50.0				47.9	ug/L		96	(70%-130%)		
1,2-Dichloroethane	50.0				47.8	ug/L		96	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
1,2-Dichloropropane	50.0			43.1	ug/L		86	(70%-130%)	CO1	04/21/26 08:20
1,3-Dichlorobenzene	50.0			48.2	ug/L		96	(70%-130%)		
1,4-Dichlorobenzene	50.0			47.4	ug/L		95	(70%-130%)		
2-Butanone	250			212	ug/L		85	(70%-130%)		
2-Hexanone	250			217	ug/L		87	(70%-130%)		
4-Methyl-2-pentanone	250			218	ug/L		87	(70%-130%)		
Acetone	250			218	ug/L		87	(70%-130%)		
Benzene	50.0			44.6	ug/L		89	(70%-130%)		
Bromochloromethane	50.0			46.2	ug/L		92	(70%-130%)		
Bromodichloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Bromoform	50.0			46.1	ug/L		92	(70%-130%)		
Bromomethane	50.0			49.7	ug/L		99	(70%-130%)		
Carbon disulfide	250			259	ug/L		104	(70%-130%)		
Carbon tetrachloride	50.0			55.8	ug/L		112	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Chlorobenzene	50.0			46.2	ug/L		92	(70%-130%)	CO1	04/21/26 08:20
Chloroethane	50.0			54.3	ug/L		109	(70%-130%)		
Chloroform	50.0			48.6	ug/L		97	(70%-130%)		
Chloromethane	50.0			50.7	ug/L		101	(70%-130%)		
Cyclohexane	50.0			47.1	ug/L		94	(70%-130%)		
Dibromochloromethane	50.0			51.8	ug/L		104	(70%-130%)		
Dichlorodifluoromethane	50.0			57.7	ug/L		115	(70%-130%)		
Ethylbenzene	50.0			48.2	ug/L		96	(70%-130%)		
Isopropylbenzene	50.0			53.6	ug/L		107	(70%-130%)		
Methyl acetate	250			215	ug/L		86	(70%-130%)		
Methylcyclohexane	50.0			47.1	ug/L		94	(70%-130%)		
Methylene chloride	50.0			48.0	ug/L		96	(70%-130%)		
Styrene	50.0			49.9	ug/L		100	(70%-130%)		
Tetrachloroethylene	50.0			49.0	ug/L		98	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Toluene	50.0			47.1	ug/L		94	(70%-130%)	CO1	04/21/26 08:20
Trichloroethylene	50.0			49.6	ug/L		99	(70%-130%)		
Trichlorofluoromethane	50.0			53.7	ug/L		107	(70%-130%)		
Vinyl chloride	50.0			56.9	ug/L		114	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			46.5	ug/L		93	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			47.3	ug/L		95	(70%-130%)		
m,p-Xylenes	100			96.3	ug/L		96	(70%-130%)		
o-Xylene	50.0			49.1	ug/L		98	(70%-130%)		
tert-Butyl methyl ether	50.0			44.0	ug/L		88	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			50.9	ug/L		102	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			46.8	ug/L		94	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			54.3	ug/L		109	(71%-131%)		
**Bromofluorobenzene	50.0			54.5	ug/L		109	(77%-123%)		
**Toluene-d8	50.0			54.0	ug/L		108	(77%-121%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
QC1206443375 LCS										
1,4-Dioxane	2500			1990	ug/L		80	(70%-130%)	CO1	04/21/26 08:46
Trichlorotrifluoroethane	250			247	ug/L		99	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			53.4	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0			53.4	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			53.0	ug/L		106	(77%-121%)		
QC1206443376 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/21/26 09:37
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
1,2-Dichlorobenzene			U	ND	ug/L				CO1	04/21/26 09:37
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Bromomethane			U	ND	ug/L				CO1	04/21/26 09:37
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Methylene chloride			U	ND	ug/L				CO1	04/21/26 09:37
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
trans-1,3-Dichloropropylene				U	ND	ug/L				CO1	04/21/26 09:37
**1,2-Dichloroethane-d4	50.0				54.2	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0				52.1	ug/L		104	(77%-123%)		
**Toluene-d8	50.0				52.6	ug/L		105	(77%-121%)		
QC1206443377 773323001 MS											
1,1,1-Trichloroethane	50.0	U	ND		57.8	ug/L		116	(60%-123%)		04/21/26 16:46
1,1,2,2-Tetrachloroethane	50.0	U	ND		44.7	ug/L		89	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		45.9	ug/L		92	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		49.7	ug/L		99	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		56.9	ug/L		114	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		48.6	ug/L		97	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		49.7	ug/L		99	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		43.5	ug/L		87	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		49.0	ug/L		98	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		48.3	ug/L		97	(58%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
1,2-Dichloroethane	50.0	U	ND		58.6	ug/L		117	(58%-130%)	CO1	04/21/26 16:46
1,2-Dichloropropane	50.0	U	ND		47.0	ug/L		94	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		47.6	ug/L		95	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		47.8	ug/L		96	(54%-123%)		
2-Butanone	250	U	ND		255	ug/L		102	(59%-136%)		
2-Hexanone	250	U	ND		263	ug/L		105	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		238	ug/L		95	(63%-135%)		
Acetone	250	U	ND		264	ug/L		106	(50%-140%)		
Benzene	50.0	U	ND		45.1	ug/L		90	(64%-119%)		
Bromochloromethane	50.0	U	ND		47.5	ug/L		95	(63%-130%)		
Bromodichloromethane	50.0	U	ND		55.4	ug/L		111	(65%-125%)		
Bromoform	50.0	U	ND		47.0	ug/L		94	(49%-129%)		
Bromomethane	50.0	U	ND		47.0	ug/L		94	(55%-154%)		
Carbon disulfide	250	U	ND		241	ug/L		96	(60%-139%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Carbon tetrachloride	50.0	U	ND		60.3	ug/L		121	(60%-127%)	CO1	04/21/26 16:46
Chlorobenzene	50.0	U	ND		46.9	ug/L		94	(61%-120%)		
Chloroethane	50.0	U	ND		49.3	ug/L		99	(60%-138%)		
Chloroform	50.0	U	ND		52.5	ug/L		105	(64%-122%)		
Chloromethane	50.0	U	ND		49.4	ug/L		99	(43%-161%)		
Cyclohexane	50.0	U	ND		47.3	ug/L		95	(51%-125%)		
Dibromochloromethane	50.0	U	ND		56.6	ug/L		113	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		55.3	ug/L		111	(37%-162%)		
Ethylbenzene	50.0	U	ND		48.7	ug/L		97	(57%-122%)		
Isopropylbenzene	50.0	U	ND		50.4	ug/L		101	(53%-128%)		
Methyl acetate	250	U	ND		250	ug/L		100	(58%-145%)		
Methylcyclohexane	50.0	U	ND		46.5	ug/L		93	(58%-122%)		
Methylene chloride	50.0	J	1.01		47.8	ug/L		94	(61%-135%)		
Styrene	50.0	U	ND		51.8	ug/L		104	(55%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Tetrachloroethylene	50.0	U	ND		47.6	ug/L		95	(53%-124%)	CO1	04/21/26 16:46
Toluene	50.0	U	ND		45.8	ug/L		92	(60%-120%)		
Trichloroethylene	50.0	U	ND		50.8	ug/L		102	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		54.9	ug/L		110	(51%-134%)		
Vinyl chloride	50.0	U	ND		54.0	ug/L		108	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		45.9	ug/L		92	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		51.3	ug/L		103	(61%-123%)		
m,p-Xylenes	100	U	ND		95.9	ug/L		96	(58%-122%)		
o-Xylene	50.0	U	ND		51.2	ug/L		102	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		47.3	ug/L		95	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		53.1	ug/L		106	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		50.3	ug/L		101	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		57.5		65.3	ug/L		131	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		53.7	ug/L		107	(77%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
**Toluene-d8	50.0		54.1		53.6	ug/L		107	(77%-121%)	CO1	04/21/26 16:46
QC1206443379 773323001 MS											
1,4-Dioxane	2500	U	ND		2170	ug/L		87	(50%-136%)		04/21/26 17:36
Trichlorotrifluoroethane	250	U	ND		235	ug/L		94	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		57.5		58.2	ug/L		116	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		54.6	ug/L		109	(77%-123%)		
**Toluene-d8	50.0		54.1		54.5	ug/L		109	(77%-121%)		
QC1206443378 773323001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		54.6	ug/L	6	109	(0%-20%)		04/21/26 17:11
1,1,2,2-Tetrachloroethane	50.0	U	ND		44.7	ug/L	0	89	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		45.4	ug/L	1	91	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		47.9	ug/L	4	96	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		55.2	ug/L	3	110	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		47.2	ug/L	3	94	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
1,2-Dibromo-3-chloropropane	50.0	U	ND		42.7	ug/L	2	85	(0%-20%)	CO1	04/21/26 17:11
1,2-Dibromoethane	50.0	U	ND		47.5	ug/L	3	95	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		47.8	ug/L	1	96	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		54.3	ug/L	8	109	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		44.9	ug/L	5	90	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		47.1	ug/L	1	94	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		47.6	ug/L	0	95	(0%-20%)		
2-Butanone	250	U	ND		241	ug/L	6	96	(0%-20%)		
2-Hexanone	250	U	ND		249	ug/L	5	100	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		233	ug/L	2	93	(0%-20%)		
Acetone	250	U	ND		249	ug/L	6	100	(0%-20%)		
Benzene	50.0	U	ND		44.3	ug/L	2	89	(0%-20%)		
Bromochloromethane	50.0	U	ND		47.0	ug/L	1	94	(0%-20%)		
Bromodichloromethane	50.0	U	ND		52.6	ug/L	5	105	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Bromoform	50.0	U	ND		46.4	ug/L	1	93	(0%-20%)	CO1	04/21/26 17:11
Bromomethane	50.0	U	ND		47.4	ug/L	1	95	(0%-20%)		
Carbon disulfide	250	U	ND		240	ug/L	0	96	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		56.4	ug/L	7	113	(0%-20%)		
Chlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
Chloroethane	50.0	U	ND		49.4	ug/L	0	99	(0%-20%)		
Chloroform	50.0	U	ND		50.6	ug/L	4	101	(0%-20%)		
Chloromethane	50.0	U	ND		50.6	ug/L	2	101	(0%-20%)		
Cyclohexane	50.0	U	ND		45.7	ug/L	3	91	(0%-20%)		
Dibromochloromethane	50.0	U	ND		54.0	ug/L	5	108	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		52.3	ug/L	6	105	(0%-20%)		
Ethylbenzene	50.0	U	ND		47.8	ug/L	2	96	(0%-20%)		
Isopropylbenzene	50.0	U	ND		50.0	ug/L	1	100	(0%-20%)		
Methyl acetate	250	U	ND		239	ug/L	5	95	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Methylcyclohexane	50.0	U	ND		44.9	ug/L	3	90	(0%-20%)	CO1	04/21/26 17:11
Methylene chloride	50.0	J	1.01		47.7	ug/L	0	93	(0%-20%)		
Styrene	50.0	U	ND		50.4	ug/L	3	101	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		46.8	ug/L	2	94	(0%-20%)		
Toluene	50.0	U	ND		45.5	ug/L	1	91	(0%-20%)		
Trichloroethylene	50.0	U	ND		49.2	ug/L	3	98	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		51.9	ug/L	6	104	(0%-20%)		
Vinyl chloride	50.0	U	ND		52.8	ug/L	2	106	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		46.1	ug/L	0	92	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		48.8	ug/L	5	98	(0%-20%)		
m,p-Xylenes	100	U	ND		94.3	ug/L	2	94	(0%-20%)		
o-Xylene	50.0	U	ND		49.5	ug/L	3	99	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		45.9	ug/L	3	92	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		51.4	ug/L	3	103	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
trans-1,3-Dichloropropylene	50.0	U	ND		48.8	ug/L	3	98	(0%-20%)	CO1	04/21/26 17:11
**1,2-Dichloroethane-d4	50.0		57.5		60.5	ug/L		121	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		53.0	ug/L		106	(77%-123%)		
**Toluene-d8	50.0		54.1		53.5	ug/L		107	(77%-121%)		
QC1206443380 773323001 MSD											
1,4-Dioxane	2500	U	ND		2100	ug/L	3	84	(0%-20%)		04/21/26 18:01
Trichlorotrifluoroethane	250	U	ND		229	ug/L	3	92	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		57.5		57.1	ug/L		114	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		52.5	ug/L		105	(77%-123%)		
**Toluene-d8	50.0		54.1		53.5	ug/L		107	(77%-121%)		
Batch 2982825											
QC1206445295 HB											
1,1,1-Trichloroethane				U	ND	ug/kg				JM6	04/22/26 13:26
1,1,2,2-Tetrachloroethane				U	ND	ug/kg					
1,1,2-Trichloroethane				U	ND	ug/kg					
1,1-Dichloroethane				U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethylene			U	ND	ug/kg				JM6	04/22/26	13:26
1,2,3-Trichlorobenzene			U	ND	ug/kg						
1,2,4-Trichlorobenzene			U	ND	ug/kg						
1,2-Dibromo-3-chloropropane			U	ND	ug/kg						
1,2-Dibromoethane			U	ND	ug/kg						
1,2-Dichlorobenzene			U	ND	ug/kg						
1,2-Dichloroethane			U	ND	ug/kg						
1,2-Dichloropropane			U	ND	ug/kg						
1,3-Dichlorobenzene			U	ND	ug/kg						
1,4-Dichlorobenzene			U	ND	ug/kg						
1,4-Dioxane			U	ND	ug/kg						
2-Butanone			U	ND	ug/kg						
2-Hexanone			U	ND	ug/kg						
4-Methyl-2-pentanone			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Acetone			U	ND	ug/kg				JM6	04/22/26	13:26
Benzene			U	ND	ug/kg						
Bromochloromethane			U	ND	ug/kg						
Bromodichloromethane			U	ND	ug/kg						
Bromoform			U	ND	ug/kg						
Bromomethane			U	ND	ug/kg						
Carbon disulfide			U	ND	ug/kg						
Carbon tetrachloride			U	ND	ug/kg						
Chlorobenzene			U	ND	ug/kg						
Chloroethane			U	ND	ug/kg						
Chloroform			U	ND	ug/kg						
Chloromethane			U	ND	ug/kg						
Cyclohexane			U	ND	ug/kg						
Dibromochloromethane			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Dichlorodifluoromethane			U	ND	ug/kg				JM6	04/22/26	13:26
Ethylbenzene			U	ND	ug/kg						
Isopropylbenzene			U	ND	ug/kg						
Methyl acetate			U	ND	ug/kg						
Methylcyclohexane			U	ND	ug/kg						
Methylene chloride			U	ND	ug/kg						
Styrene			U	ND	ug/kg						
Tetrachloroethylene			U	ND	ug/kg						
Toluene			U	ND	ug/kg						
Trichloroethylene			U	ND	ug/kg						
Trichlorofluoromethane			U	ND	ug/kg						
Trichlorotrifluoroethane			U	ND	ug/kg						
Vinyl chloride			U	ND	ug/kg						
cis-1,2-Dichloroethylene			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
cis-1,3-Dichloropropylene			U	ND	ug/kg				JM6	04/22/26 13:26
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			52.9	ug/L		106	(75%-131%)		
**Bromofluorobenzene	50.0			50.3	ug/L		101	(67%-136%)		
**Toluene-d8	50.0			49.8	ug/L		100	(79%-122%)		
QC1206445290 LCS										
1,1,1-Trichloroethane	50.0			43.8	ug/kg		88	(72%-126%)		04/22/26 11:19
1,1,2,2-Tetrachloroethane	50.0			40.0	ug/kg		80	(69%-120%)		
1,1,2-Trichloroethane	50.0			42.0	ug/kg		84	(74%-120%)		
1,1-Dichloroethane	50.0			42.6	ug/kg		85	(72%-126%)		
1,1-Dichloroethylene	50.0			46.7	ug/kg		93	(71%-136%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,2,3-Trichlorobenzene	50.0			47.5	ug/kg		95	(67%-130%)	JM6	04/22/26	11:19
1,2,4-Trichlorobenzene	50.0			47.5	ug/kg		95	(68%-130%)			
1,2-Dibromo-3-chloropropane	50.0			37.8	ug/kg		76	(60%-135%)			
1,2-Dibromoethane	50.0			44.6	ug/kg		89	(79%-120%)			
1,2-Dichlorobenzene	50.0			43.1	ug/kg		86	(73%-120%)			
1,2-Dichloroethane	50.0			44.9	ug/kg		90	(66%-123%)			
1,2-Dichloropropane	50.0			43.0	ug/kg		86	(72%-120%)			
1,3-Dichlorobenzene	50.0			42.5	ug/kg		85	(72%-120%)			
1,4-Dichlorobenzene	50.0			41.0	ug/kg		82	(72%-120%)			
2-Butanone	250			212	ug/kg		85	(66%-125%)			
2-Hexanone	250			242	ug/kg		97	(64%-131%)			
4-Methyl-2-pentanone	250			225	ug/kg		90	(70%-126%)			
Acetone	250			184	ug/kg		73	(60%-124%)			
Benzene	50.0			41.0	ug/kg		82	(73%-120%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
Bromochloromethane	50.0			43.4	ug/kg		87	(73%-123%)	JM6	04/22/26 11:19
Bromodichloromethane	50.0			46.4	ug/kg		93	(74%-124%)		
Bromoform	50.0			40.5	ug/kg		81	(64%-126%)		
Bromomethane	50.0			41.8	ug/kg		84	(67%-138%)		
Carbon disulfide	250			213	ug/kg		85	(69%-136%)		
Carbon tetrachloride	50.0			43.9	ug/kg		88	(72%-132%)		
Chlorobenzene	50.0			39.7	ug/kg		79	(74%-120%)		
Chloroethane	50.0			39.7	ug/kg		79	(69%-133%)		
Chloroform	50.0			43.6	ug/kg		87	(72%-122%)		
Chloromethane	50.0			36.2	ug/kg		72	(53%-142%)		
Cyclohexane	50.0			46.1	ug/kg		92	(63%-130%)		
Dibromochloromethane	50.0			47.4	ug/kg		95	(73%-125%)		
Dichlorodifluoromethane	50.0			35.5	ug/kg		71	(57%-150%)		
Ethylbenzene	50.0			42.8	ug/kg		86	(72%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
Isopropylbenzene	50.0			47.8	ug/kg		96	(74%-129%)	JM6	04/22/26 11:19
Methyl acetate	250			209	ug/kg		84	(66%-131%)		
Methylcyclohexane	50.0			44.0	ug/kg		88	(71%-127%)		
Methylene chloride	50.0			39.6	ug/kg		79	(71%-124%)		
Styrene	50.0			40.5	ug/kg		81	(70%-123%)		
Tetrachloroethylene	50.0			41.7	ug/kg		83	(68%-126%)		
Toluene	50.0			40.9	ug/kg		82	(73%-120%)		
Trichloroethylene	50.0			44.1	ug/kg		88	(74%-122%)		
Trichlorofluoromethane	50.0			38.6	ug/kg		77	(66%-137%)		
Vinyl chloride	50.0			40.9	ug/kg		82	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			45.9	ug/kg		92	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			40.7	ug/kg		81	(74%-123%)		
m,p-Xylenes	100			89.0	ug/kg		89	(72%-121%)		
o-Xylene	50.0			47.0	ug/kg		94	(73%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
tert-Butyl methyl ether	50.0			39.6	ug/kg		79	(63%-128%)	JM6	04/22/26 11:19
trans-1,2-Dichloroethylene	50.0			45.1	ug/kg		90	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			40.0	ug/kg		80	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			53.4	ug/L		107	(75%-131%)		
**Bromofluorobenzene	50.0			50.2	ug/L		100	(67%-136%)		
**Toluene-d8	50.0			48.4	ug/L		97	(79%-122%)		
QC1206445291 LCS										
1,4-Dioxane	2500			2110	ug/kg		84	(57%-134%)		04/22/26 12:10
Trichlorotrifluoroethane	250			199	ug/kg		80	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			56.2	ug/L		112	(75%-131%)		
**Bromofluorobenzene	50.0			53.2	ug/L		106	(67%-136%)		
**Toluene-d8	50.0			48.3	ug/L		97	(79%-122%)		
QC1206445292 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					04/22/26 13:01
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethane			U	ND	ug/kg				JM6	04/22/26	13:01
1,1-Dichloroethylene			U	ND	ug/kg						
1,2,3-Trichlorobenzene			U	ND	ug/kg						
1,2,4-Trichlorobenzene			U	ND	ug/kg						
1,2-Dibromo-3-chloropropane			U	ND	ug/kg						
1,2-Dibromoethane			U	ND	ug/kg						
1,2-Dichlorobenzene			U	ND	ug/kg						
1,2-Dichloroethane			U	ND	ug/kg						
1,2-Dichloropropane			U	ND	ug/kg						
1,3-Dichlorobenzene			U	ND	ug/kg						
1,4-Dichlorobenzene			U	ND	ug/kg						
1,4-Dioxane			U	ND	ug/kg						
2-Butanone			U	ND	ug/kg						
2-Hexanone			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
4-Methyl-2-pentanone			U	ND	ug/kg				JM6	04/22/26 13:01
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Dibromochloromethane			U	ND	ug/kg				JM6	04/22/26	13:01
Dichlorodifluoromethane			U	ND	ug/kg						
Ethylbenzene			U	ND	ug/kg						
Isopropylbenzene			U	ND	ug/kg						
Methyl acetate			U	ND	ug/kg						
Methylcyclohexane			U	ND	ug/kg						
Methylene chloride			U	ND	ug/kg						
Styrene			U	ND	ug/kg						
Tetrachloroethylene			U	ND	ug/kg						
Toluene			U	ND	ug/kg						
Trichloroethylene			U	ND	ug/kg						
Trichlorofluoromethane			U	ND	ug/kg						
Trichlorotrifluoroethane			U	ND	ug/kg						
Vinyl chloride			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
cis-1,2-Dichloroethylene			U	ND	ug/kg				JM6	04/22/26 13:01
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			52.5	ug/L		105	(75%-131%)		
**Bromofluorobenzene	50.0			51.2	ug/L		102	(67%-136%)		
**Toluene-d8	50.0			49.1	ug/L		98	(79%-122%)		
QC1206445293 771803012 MS										
1,1,1-Trichloroethane	24000	U	ND	23400	ug/kg		97	(41%-133%)		04/22/26 19:51
1,1,2,2-Tetrachloroethane	24000	U	ND	21600	ug/kg		90	(37%-136%)		
1,1,2-Trichloroethane	24000	U	ND	23000	ug/kg		96	(44%-128%)		
1,1-Dichloroethane	24000	U	ND	23600	ug/kg		98	(44%-135%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethylene	24000	U	ND		27000	ug/kg		113	(40%-147%)	JM6	04/22/26 19:51
1,2,3-Trichlorobenzene	24000	U	ND		23100	ug/kg		97	(30%-133%)		
1,2,4-Trichlorobenzene	24000	U	ND		23100	ug/kg		97	(29%-139%)		
1,2-Dibromo-3-chloropropane	24000	U	ND		19100	ug/kg		80	(30%-142%)		
1,2-Dibromoethane	24000	U	ND		24000	ug/kg		100	(45%-133%)		
1,2-Dichlorobenzene	24000	U	ND		22300	ug/kg		93	(24%-133%)		
1,2-Dichloroethane	24000	U	ND		25300	ug/kg		105	(43%-129%)		
1,2-Dichloropropane	24000	U	ND		23800	ug/kg		99	(44%-128%)		
1,3-Dichlorobenzene	24000	U	ND		22300	ug/kg		93	(24%-132%)		
1,4-Dichlorobenzene	24000	U	ND		21400	ug/kg		89	(24%-132%)		
2-Butanone	120000	U	ND		113000	ug/kg		94	(43%-134%)		
2-Hexanone	120000	U	ND		127000	ug/kg		106	(34%-142%)		
4-Methyl-2-pentanone	120000	U	ND		121000	ug/kg		101	(44%-137%)		
Acetone	120000	U	ND		95700	ug/kg		80	(37%-134%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2982825												
Benzene	24000	U	ND		22700	ug/kg		95	(43%-127%)	JM6	04/22/26	19:51
Bromochloromethane	24000	U	ND		23900	ug/kg		100	(45%-132%)			
Bromodichloromethane	24000	U	ND		25700	ug/kg		107	(44%-130%)			
Bromoform	24000	U	ND		22300	ug/kg		93	(34%-131%)			
Bromomethane	24000	U	ND		13800	ug/kg		57	(15%-150%)			
Carbon disulfide	120000	U	ND		124000	ug/kg		103	(39%-145%)			
Carbon tetrachloride	24000	U	ND		23400	ug/kg		97	(40%-137%)			
Chlorobenzene	24000	U	ND		21300	ug/kg		89	(35%-128%)			
Chloroethane	24000	U	ND		23600	ug/kg		99	(35%-142%)			
Chloroform	24000	U	ND		24000	ug/kg		100	(44%-129%)			
Chloromethane	24000	U	ND		21300	ug/kg		89	(32%-150%)			
Cyclohexane	24000	U	ND		25400	ug/kg		106	(30%-136%)			
Dibromochloromethane	24000	U	ND		25400	ug/kg		106	(42%-130%)			
Dichlorodifluoromethane	24000	U	ND		25100	ug/kg		105	(31%-159%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
Ethylbenzene	24000	U	ND		22700	ug/kg		95	(33%-131%)	JM6	04/22/26 19:51
Isopropylbenzene	24000	U	ND		25800	ug/kg		108	(27%-147%)		
Methyl acetate	120000	U	ND		118000	ug/kg		98	(42%-154%)		
Methylcyclohexane	24000	U	ND		23200	ug/kg		97	(27%-137%)		
Methylene chloride	24000	U	ND		23100	ug/kg		96	(43%-136%)		
Styrene	24000	U	ND		21500	ug/kg		90	(29%-133%)		
Tetrachloroethylene	24000	U	ND		21900	ug/kg		91	(31%-134%)		
Toluene	24000	U	ND		22000	ug/kg		92	(35%-132%)		
Trichloroethylene	24000	U	ND		24500	ug/kg		102	(39%-133%)		
Trichlorofluoromethane	24000	U	ND		21700	ug/kg		90	(39%-140%)		
Vinyl chloride	24000	U	ND		23300	ug/kg		97	(32%-146%)		
cis-1,2-Dichloroethylene	24000	U	ND		25500	ug/kg		106	(43%-131%)		
cis-1,3-Dichloropropylene	24000	U	ND		22400	ug/kg		93	(38%-131%)		
m,p-Xylenes	47900	U	ND		46800	ug/kg		98	(32%-131%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
o-Xylene	24000	U	ND		25100	ug/kg		105	(33%-131%)	JM6	04/22/26 19:51
tert-Butyl methyl ether	24000	U	ND		23100	ug/kg		96	(46%-128%)		
trans-1,2-Dichloroethylene	24000	U	ND		25300	ug/kg		106	(41%-135%)		
trans-1,3-Dichloropropylene	24000	U	ND		22100	ug/kg		92	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		52.6		54.8	ug/L		110	(75%-131%)		
**Bromofluorobenzene	50.0		50.2		52.3	ug/L		105	(67%-136%)		
**Toluene-d8	50.0		48.3		48.7	ug/L		97	(79%-122%)		
QC1206445430 771803012 MS											
1,4-Dioxane	1200000	U	ND		1170000	ug/kg		98	(40%-142%)		04/22/26 20:42
Trichlorotrifluoroethane	120000	U	ND		112000	ug/kg		94	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		52.6		55.7	ug/L		111	(75%-131%)		
**Bromofluorobenzene	50.0		50.2		54.1	ug/L		108	(67%-136%)		
**Toluene-d8	50.0		48.3		48.9	ug/L		98	(79%-122%)		
QC1206445294 771803012 MSD											
1,1,1-Trichloroethane	24000	U	ND		23300	ug/kg	0	97	(0%-20%)		04/22/26 20:16
1,1,2,2-Tetrachloroethane	24000	U	ND		21900	ug/kg	1	91	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2982825												
1,1,2-Trichloroethane	24000	U	ND		23100	ug/kg	0	96	(0%-20%)	JM6	04/22/26	20:16
1,1-Dichloroethane	24000	U	ND		23500	ug/kg	0	98	(0%-20%)			
1,1-Dichloroethylene	24000	U	ND		27100	ug/kg	0	113	(0%-20%)			
1,2,3-Trichlorobenzene	24000	U	ND		24800	ug/kg	7	104	(0%-20%)			
1,2,4-Trichlorobenzene	24000	U	ND		24800	ug/kg	7	104	(0%-20%)			
1,2-Dibromo-3-chloropropane	24000	U	ND		20400	ug/kg	7	85	(0%-20%)			
1,2-Dibromoethane	24000	U	ND		24100	ug/kg	0	101	(0%-20%)			
1,2-Dichlorobenzene	24000	U	ND		22700	ug/kg	1	95	(0%-20%)			
1,2-Dichloroethane	24000	U	ND		25400	ug/kg	1	106	(0%-20%)			
1,2-Dichloropropane	24000	U	ND		23800	ug/kg	0	99	(0%-20%)			
1,3-Dichlorobenzene	24000	U	ND		22100	ug/kg	1	92	(0%-20%)			
1,4-Dichlorobenzene	24000	U	ND		21100	ug/kg	1	88	(0%-20%)			
2-Butanone	120000	U	ND		125000	ug/kg	10	104	(0%-20%)			
2-Hexanone	120000	U	ND		133000	ug/kg	5	111	(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Volatile-GC/MS													
Batch 2982825													
4-Methyl-2-pentanone	120000	U	ND		126000	ug/kg	4		105	(0%-20%)	JM6	04/22/26	20:16
Acetone	120000	U	ND		109000	ug/kg	13		91	(0%-20%)			
Benzene	24000	U	ND		22700	ug/kg	0		95	(0%-20%)			
Bromochloromethane	24000	U	ND		23600	ug/kg	1		99	(0%-20%)			
Bromodichloromethane	24000	U	ND		25400	ug/kg	1		106	(0%-20%)			
Bromoform	24000	U	ND		21800	ug/kg	2		91	(0%-20%)			
Bromomethane	24000	U	ND		6840	ug/kg	67	*	29	(0%-20%)			
Carbon disulfide	120000	U	ND		125000	ug/kg	1		104	(0%-20%)			
Carbon tetrachloride	24000	U	ND		23200	ug/kg	1		97	(0%-20%)			
Chlorobenzene	24000	U	ND		20700	ug/kg	3		86	(0%-20%)			
Chloroethane	24000	U	ND		26100	ug/kg	10		109	(0%-20%)			
Chloroform	24000	U	ND		24300	ug/kg	1		101	(0%-20%)			
Chloromethane	24000	U	ND		22000	ug/kg	3		92	(0%-20%)			
Cyclohexane	24000	U	ND		25700	ug/kg	1		107	(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
Dibromochloromethane	24000	U	ND		24900	ug/kg	2	104	(0%-20%)	JM6	04/22/26 20:16
Dichlorodifluoromethane	24000	U	ND		27200	ug/kg	8	114	(0%-20%)		
Ethylbenzene	24000	U	ND		22300	ug/kg	2	93	(0%-20%)		
Isopropylbenzene	24000	U	ND		25600	ug/kg	1	107	(0%-20%)		
Methyl acetate	120000	U	ND		124000	ug/kg	5	103	(0%-20%)		
Methylcyclohexane	24000	U	ND		23600	ug/kg	2	99	(0%-20%)		
Methylene chloride	24000	U	ND		23200	ug/kg	0	97	(0%-20%)		
Styrene	24000	U	ND		21300	ug/kg	1	89	(0%-20%)		
Tetrachloroethylene	24000	U	ND		21300	ug/kg	3	89	(0%-20%)		
Toluene	24000	U	ND		21800	ug/kg	1	91	(0%-20%)		
Trichloroethylene	24000	U	ND		24400	ug/kg	0	102	(0%-20%)		
Trichlorofluoromethane	24000	U	ND		23400	ug/kg	8	98	(0%-20%)		
Vinyl chloride	24000	U	ND		25200	ug/kg	8	105	(0%-20%)		
cis-1,2-Dichloroethylene	24000	U	ND		25700	ug/kg	1	107	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Volatile-GC/MS													
Batch 2982825													
cis-1,3-Dichloropropylene	24000	U	ND		22500	ug/kg	1		94	(0%-20%)	JM6	04/22/26	20:16
m,p-Xylenes	47900	U	ND		46700	ug/kg	0		98	(0%-20%)			
o-Xylene	24000	U	ND		24500	ug/kg	3		102	(0%-20%)			
tert-Butyl methyl ether	24000	U	ND		23400	ug/kg	1		98	(0%-20%)			
trans-1,2-Dichloroethylene	24000	U	ND		25500	ug/kg	1		106	(0%-20%)			
trans-1,3-Dichloropropylene	24000	U	ND		22300	ug/kg	1		93	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.6		56.6	ug/L			113	(75%-131%)			
**Bromofluorobenzene	50.0		50.2		52.7	ug/L			105	(67%-136%)			
**Toluene-d8	50.0		48.3		49.1	ug/L			98	(79%-122%)			
QC1206445431 771803012 MSD													
1,4-Dioxane	599000	U	ND		622000	ug/kg	61	*	104	(0%-20%)		04/22/26	21:07
Trichlorotrifluoroethane	59900	U	ND		56800	ug/kg	66	*	95	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.6		54.9	ug/L			110	(75%-131%)			
**Bromofluorobenzene	50.0		50.2		54.7	ug/L			109	(67%-136%)			
**Toluene-d8	50.0		48.3		49.0	ug/L			98	(79%-122%)			

Notes:

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
h	h	Preparation or preservation holding time was exceeded
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
E	E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Client : **GEL Engineering, LLC**
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
** Indicates analyte is a surrogate/tracer compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 771803
GEL Project Manager: Julie Robinson

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Radioactive (If yes, please supply isotopic info.)	(7) Known or possible Hazards	Total number of containers	HA: TCL VOCs	HA: TCL SVOCs	NI: Total TAL metals + Hg *	NI: Dissolved TAL metals + Hg *	Total Cr6	Dissolved Cr6	SH: Cyanide	PFAS 1633	TCL PCBs	TCL Pesticides	Comments
LS-TB-040926	04-09-26	0730	TB	N	DI			3	3										
LS-MW-04		1210	N	N*	GW			14	3	2	1	1	1	1	1		2	2	* Dissolved TAL
LS-MW-22		1335	N	N*	GW			9	3	2	1	1	1	1					metals + Cr6
LS-MW-22-DP		1337	DUP	N*	GW			9	3	2	1	1	1	1					filtered in field
LS-SW-06		1400	G	N*	SW			9	3	2	1	1	1	1					
LS-SW-06-DP		1402	DUP	N*	SW			9	3	2	1	1	1	1					
LS-SD-02		1420	G	N	SD			5	X	X	X		X						

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	4-9-26	1650	M. Stevens	4-9-26	1650
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No ***Cooler Temp:*** 1.3 °C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone : [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**).

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 771803	GEL PM:
Received By: MLS/ED	Date Received at GEL: 4-9-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR1-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
1	2				
2	3				
3	2				
4	1				
5	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): Ø CPM / uR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA ✓ Sample IDs and containers affected: LS-TB-040926
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 4/10/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 04 May 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771803

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2981765

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803001	LS-TB-040926
771803002	LS-MW-04
771803004	LS-MW-22
771803006	LS-MW-22-DP
771803008	LS-SW-06
771803010	LS-SW-06-DP
1206443374	Laboratory Control Sample (LCS) **Batch 2981765**
1206443375	Laboratory Control Sample (LCS)
1206443376	Method Blank (MB)
1206443377	773323001(NonSDG) Matrix Spike (MS)
1206443378	773323001(NonSDG) Matrix Spike Duplicate (MSD)
1206443379	773323001(NonSDG) Matrix Spike (MS)
1206443380	773323001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 771803001 (LS-TB-040926), 771803002 (LS-MW-04), 771803004 (LS-MW-22), 771803006 (LS-MW-22-DP), 771803008 (LS-SW-06) and 771803010 (LS-SW-06-DP) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2982825

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14

Preparation Batch: 2982824

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206445290	Laboratory Control Sample (LCS) **Batch 2982825**
1206445291	Laboratory Control Sample (LCS)
1206445292	Method Blank (MB)
1206445293	771803012(LS-SD-03) Matrix Spike (MS)
1206445294	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)
1206445295	High Blank (HB)
1206445430	771803012(LS-SD-03) Matrix Spike (MS)
1206445431	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206445293MS and 1206445294MSD (LS-SD-03)	Bromomethane	RPD 67* (0%-20%)
1206445430MS and 1206445431MSD (LS-SD-03)	1, 4-Dioxane	RPD 61* (0%-20%)
	Trichlorotrifluoroethane	RPD 66* (0%-20%)

Technical Information

Sample Dilutions/Methanol Dilutions
Sample 771803012 (LS-SD-03) was analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

Analyte	**771803012**
Several	50X

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2977541

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2977540

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803004	LS-MW-22
771803006	LS-MW-22-DP
771803008	LS-SW-06
771803010	LS-SW-06-DP
1206435779	Method Blank (MB) **Batch 2977541**
1206435780	Laboratory Control Sample (LCS)
1206435783	771903001(NonSDG) Matrix Spike (MS)
1206435784	771903001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) displayed failing surrogate recoveries. Because the recoveries were biased high and target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435784 (Non SDG 771903001MSD)	2-Fluorophenol	78* (15%-72%)

Sample (See Below) did not meet surrogate recovery criteria. The sample was re-extracted out of holding and displayed similar low, but passing surrogate recoveries. The failures were attributed to sample matrix interference and the initial data were reported.

Sample	Analyte	Value
771803006 (LS-MW-22-DP)	p-Terphenyl-d14	18* (20%-118%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435780 (LCS)	Benzaldehyde	25* (27%-111%)
	Hexachlorocyclopentadiene	30* (31%-64%)

Spike Recovery Statement
The MS or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. Because the recoveries were biased high and the target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	4-Nitrophenol	96* (9%-95%)
1206435784 (Non SDG 771903001MSD)	Phenol	83* (16%-74%)
	m, p-Cresols	110* (21%-105%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	Benzaldehyde	0* (16%-109%)
1206435784 (Non SDG 771903001MSD)	Benzaldehyde	15* (16%-109%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206435783MS and 1206435784MSD (Non SDG 771903001)	Benzaldehyde	RPD 200* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all

reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2978441

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2978440

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206437200	Method Blank (MB) **Batch 2978441**
1206437201	Laboratory Control Sample (LCS)
1206437202	771803012(LS-SD-03) Matrix Spike (MS)
1206437203	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
The MS and MSD (See Below) did not meet surrogate recovery acceptance criteria. The parent sample met all surrogate recovery acceptance criteria, while the MS and MSD also displayed multiple spike recovery failures. The parent sample was re-extracted within holding but without a MS/MSD pair. The re-extraction did not meet surrogate recovery acceptance criteria. There were no target analytes detected in either extraction. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202 (LS-SD-03MS)	2, 4, 6-Tribromophenol	18* (20%-104%)
	2-Fluorobiphenyl	17* (20%-93%)
	p-Terphenyl-d14	20* (24%-107%)
1206437203 (LS-SD-03MSD)	2, 4, 6-Tribromophenol	12* (20%-104%)
	2-Fluorobiphenyl	10* (20%-93%)
	2-Fluorophenol	11* (19%-94%)
	Nitrobenzene-d5	10* (19%-90%)
	Phenol-d5	12* (20%-99%)
	p-Terphenyl-d14	14* (24%-107%)

Spike Recovery Statement
The MS and MSD (See Below) did not meet spike recovery acceptance criteria. The parent sample met all surrogate recovery acceptance criteria, while the MS and MSD also displayed multiple surrogate recovery failures. The parent sample was re-extracted within holding but without a MS/MSD pair. The re-extraction did not meet surrogate recovery acceptance criteria. There were no target analytes detected in either extraction. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202 (LS-SD-03MS)	2, 4-Dimethylphenol	13* (17%-73%)
	Benzaldehyde	0* (12%-103%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	Hexachloroethane	15* (16%-87%)
1206437203 (LS-SD-03MSD)	1, 1'-Biphenyl	12* (16%-112%)
	1, 2, 4, 5-Tetrachlorobenzene	10* (16%-106%)
	2, 3, 4, 6-Tetrachlorophenol	12* (15%-114%)
	2, 4, 5-Trichlorophenol	13* (16%-122%)
	2, 4, 6-Trichlorophenol	13* (16%-112%)
	2, 4-Dichlorophenol	12* (15%-112%)
	2, 4-Dimethylphenol	8* (17%-73%)
	2, 4-Dinitrotoluene	13* (15%-119%)
	2, 6-Dinitrotoluene	13* (14%-119%)
	2-Chloronaphthalene	12* (15%-108%)
	2-Chlorophenol	12* (17%-104%)
	2-Methyl-4, 6-dinitrophenol	8* (10%-120%)
	2-Methylnaphthalene	12* (16%-108%)
	2-Nitrophenol	10* (14%-107%)
	4-Bromophenylphenylether	14* (16%-122%)
	4-Chloro-3-methylphenol	14* (17%-116%)
	4-Chloroaniline	12* (16%-91%)
	4-Chlorophenylphenylether	14* (16%-120%)
	Acenaphthene	13* (15%-114%)
	Acenaphthylene	11* (16%-107%)
	Acetophenone	11* (16%-97%)
	Anthracene	15* (16%-119%)
	Benzaldehyde	0* (12%-103%)
	Chrysene	16* (17%-119%)
	Dibenzo(a, h)anthracene	15* (16%-120%)
	Dibenzofuran	13* (17%-114%)
	Diethylphthalate	15* (16%-124%)
	Dimethylphthalate	14* (16%-123%)

	Diphenylamine	15* (18%-116%)
	Fluoranthene	16* (17%-124%)
	Fluorene	13* (16%-119%)
	Hexachlorobenzene	14* (18%-117%)
	Hexachlorobutadiene	9* (15%-101%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	Hexachloroethane	7* (16%-87%)
	Isophorone	11* (12%-116%)
	Naphthalene	11* (15%-105%)
	Nitrobenzene	12* (15%-105%)
	Phenol	13* (16%-107%)
	bis(2-Chloroethoxy)methane	12* (16%-105%)
	bis(2-Chloroethyl) ether	11* (14%-106%)
	m, p-Cresols	14* (17%-106%)
	m-Nitroaniline	14* (15%-103%)
	o-Cresol	12* (17%-104%)
	o-Nitroaniline	15* (16%-116%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD,(See Below), were not within the acceptance limits. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202MS and 1206437203MSD (LS-SD-03)	1, 1'-Biphenyl	RPD 46* (0%-30%)
	1, 2, 4, 5-Tetrachlorobenzene	RPD 48* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 32* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 34* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 37* (0%-30%)
	2, 4-Dichlorophenol	RPD 45* (0%-30%)
	2, 4-Dimethylphenol	RPD 46* (0%-30%)
	2, 4-Dinitrotoluene	RPD 36* (0%-30%)
	2, 6-Dinitrotoluene	RPD 38* (0%-30%)
	2-Chloronaphthalene	RPD 45* (0%-30%)

	2-Chlorophenol, 2-Methylnaphthalene	RPD 51* (0%-30%)
	2-Nitrophenol	RPD 52* (0%-30%)
	4-Bromophenylphenylether	RPD 35* (0%-30%)
	4-Chloro-3-methylphenol	RPD 38* (0%-30%)
	4-Chloroaniline	RPD 41* (0%-30%)
	4-Chlorophenylphenylether, 4-Nitrophenol	RPD 34* (0%-30%)
	Acenaphthene	RPD 40* (0%-30%)
	Acenaphthylene	RPD 43* (0%-30%)
	Acetophenone	RPD 51* (0%-30%)
	Anthracene	RPD 31* (0%-30%)
	Dibenzofuran	RPD 38* (0%-30%)
	Diethylphthalate	RPD 35* (0%-30%)
	Dimethylphthalate	RPD 36* (0%-30%)
	Diphenylamine	RPD 34* (0%-30%)
	Fluorene	RPD 38* (0%-30%)
	Hexachlorobenzene	RPD 32* (0%-30%)
	Hexachlorobutadiene	RPD 58* (0%-30%)
	Hexachloroethane	RPD 73* (0%-30%)
	Isophorone	RPD 49* (0%-30%)
	N-Nitrosodipropylamine	RPD 47* (0%-30%)
	Naphthalene	RPD 54* (0%-30%)
	Nitrobenzene	RPD 51* (0%-30%)
	Phenanthrene	RPD 31* (0%-30%)

	Phenol	RPD 44* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 55* (0%-30%)
	bis(2-Chloroethoxy)methane	RPD 48* (0%-30%)
	bis(2-Chloroethyl) ether	RPD 55* (0%-30%)
	m, p-Cresols	RPD 40* (0%-30%)
	m-Nitroaniline	RPD 35* (0%-30%)
	o-Cresol	RPD 46* (0%-30%)
	o-Nitroaniline	RPD 38* (0%-30%)
	p-Nitroaniline	RPD 31* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 26
Analytical Batch: 2979097

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2979095

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206438366	Method Blank (MB) **Batch 2979097**
1206438367	Laboratory Control Sample (LCS)
1206438368	Laboratory Control Sample Duplicate (LCSD)
1206438369	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3535A/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2979246

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2979245

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206438586	Method Blank (MB) **Batch 2979246**
1206438587	Laboratory Control Sample (LCS)
1206438588	772714003(NonSDG) Matrix Spike (MS)
1206438589	772714003(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations

Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206438587 (LCS)	Aroclor-1016	Result 0.801ug/L
	Aroclor-1260	Result 0.832ug/L
1206438589 (Non SDG 772714003MSD)	4cmx	Result 0.287ug/L
	Aroclor-1016	Result 1.64ug/L
	Aroclor-1260	Result 1.52ug/L

Additional Comments
The column 1 has been chosen as the primary column. The data are reported from the column 1 for all samples in this batch.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2975549

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2975548

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered
771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206432302	Method Blank (MB)**ICP Batch 2975549**
1206432303	Laboratory Control Sample (LCS)
1206432307	771803002(LS-MW-04L) Serial Dilution (SD)
1206432304	771803002(LS-MW-04S) Matrix Spike (MS)
1206432305	771803002(LS-MW-04SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the

following exceptions.

Quality Control (QC) Information

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all the applicable analytes were within the established acceptance criteria. Matrix suppression may be suspected. The data has been qualified.

Sample	Analyte	Value
1206432307 (LS-MW-04SDILT)	Calcium	409 *(0%-20%)
	Magnesium	406 *(0%-20%)
	Sodium	404 *(0%-20%)

Technical Information

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of calcium, iron and manganese within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 771803004 (LS-MW-22), 771803005 (LS-MW-22 Field Filtered), 771803006 (LS-MW-22-DP) and 771803007 (LS-MW-22-DP Field Filtered).

Analyte	771803			
	004	005	006	007
Aluminum	5X	5X	5X	5X
Antimony	5X	5X	5X	5X
Arsenic	5X	5X	5X	5X
Barium	5X	5X	5X	5X
Cadmium	5X	5X	5X	5X
Calcium	5X	5X	5X	5X
Chromium	5X	5X	5X	5X
Cobalt	5X	5X	5X	5X
Copper	5X	5X	5X	5X
Iron	5X	5X	5X	5X
Lead	5X	5X	5X	5X
Magnesium	5X	5X	5X	5X
Manganese	5X	5X	5X	5X
Nickel	5X	5X	5X	5X
Potassium	5X	5X	5X	5X
Selenium	5X	5X	5X	5X
Silver	5X	5X	5X	5X
Vanadium	5X	5X	5X	5X
Zinc	5X	5X	5X	5X

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2975551

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2975550

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206432308	Method Blank (MB)**ICP Batch 2975551**
1206432309	Laboratory Control Sample (LCS)
1206432313	771803012(LS-SD-03L) Serial Dilution (SD)
1206432310	771803012(LS-SD-03S) Matrix Spike (MS)
1206432311	771803012(LS-SD-03SD) Matrix Spike Duplicate (MSD)
1206432312	771803012(LS-SD-03PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike recovery was within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recovery may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206432310 (LS-SD-03MS)	Magnesium	134* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206432310MS and 1206432311MSD (LS-SD-03)	Aluminum	RPD 21* (0%-20%)
	Iron	RPD 26.3* (0%-20%)

Technical Information

Preparation/Analytical Method Verification

Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 2976537

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2976533

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered
771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206434200	Method Blank (MB)**CVAA Batch 2976537**
1206434201	Laboratory Control Sample (LCS)
1206434202	771565001(NonSDGD) Sample Duplicate (DUP)
1206434203	771565001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 2976729

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2976726

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification

771803012	LS-SD-03
1206434453	Method Blank (MB)**CVAA Batch 2976729**
1206434454	Laboratory Control Sample (LCS)
1206434455	771854001(NonSDGD) Sample Duplicate (DUP)
1206434456	771854001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2976226

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2976225

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206433487	Method Blank (MB) **Batch 2976226**
1206433488	Laboratory Control Sample (LCS)
1206433491	771808001(NonSDG) Sample Duplicate (DUP)
1206433492	771808001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2975721

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered

771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206432723	Method Blank (MB) **Batch 2975721**
1206432724	Laboratory Control Sample (LCS)
1206432725	771803002(LS-MW-04) Sample Duplicate (DUP)
1206432726	771803002(LS-MW-04) Matrix Spike (MS)
1206432727	771804009(LS-MW-16) Sample Duplicate (DUP)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2980165

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2980164

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206440368	Method Blank (MB) **Batch 2980165**
1206440369	Laboratory Control Sample (LCS)
1206440372	771638009(NonSDG) Sample Duplicate (DUP)
1206440373	771638009(NonSDG) Matrix Spike (MS)
1206440374	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**

Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2975541

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206432284	771803012(LS-SD-03) Sample Duplicate (DUP) **Batch 2975541**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 766749

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 04, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the previous revision noted as SDG number 766749 Rev01 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

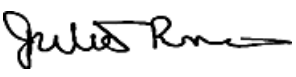
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 766749 GEL Work Order: 766749

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

J Value is estimated

Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

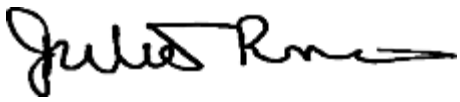
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TB-030426	Project:	RVDE00226C
Sample ID:	766749001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	04-MAR-26 10:00		
Receive Date:	04-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1206	2962178	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-030426 Project: RVDE00226C
Sample ID: 766749001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	47.5 ug/L	50.0	95	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.5 ug/L	50.0	103	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.2 ug/L	50.0	98	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-18	Project:	RVDE00226C
Sample ID:	766749002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	04-MAR-26 10:55		
Receive Date:	04-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0942	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	72.4	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2113	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	5.09	5.00	30.0	ug/L	1.00	1					
Barium		65.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		55600	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		4920	30.0	100	ug/L	1.00	1					
Lead	J	3.52	3.30	20.0	ug/L	1.00	1					
Magnesium		8490	110	300	ug/L	1.00	1					
Manganese		178	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3510	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		9110	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	11.1	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.85	9.48	ug/L	0.000948	1	BM1	03/11/26	1623	2958179	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.85	9.48	ug/L	0.000948	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
2,4,5-Trichlorophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
2,4,6-Trichlorophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
2,4-Dichlorophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
2,4-Dimethylphenol	U	ND	2.85	9.48	ug/L	0.000948	1					
2,4-Dinitrophenol	U	ND	4.74	19.0	ug/L	0.000948	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-18 Project: RVDE00226C
Sample ID: 766749002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.85	9.48	ug/L	0.000948	1					
2,6-Dinitrotoluene	U	ND	2.85	9.48	ug/L	0.000948	1					
2-Chloronaphthalene	U	ND	0.389	0.948	ug/L	0.000948	1					
2-Chlorophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
2-Methylnaphthalene	U	ND	0.285	0.948	ug/L	0.000948	1					
2-Nitrophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
3,3'-Dichlorobenzidine	U	ND	2.85	9.48	ug/L	0.000948	1					
4-Bromophenylphenylether	U	ND	2.85	9.48	ug/L	0.000948	1					
4-Chloro-3-methylphenol	U	ND	2.85	9.48	ug/L	0.000948	1					
4-Chloroaniline	U	ND	3.13	9.48	ug/L	0.000948	1					
4-Chlorophenylphenylether	U	ND	2.85	9.48	ug/L	0.000948	1					
4-Nitrophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
Acenaphthene	U	ND	0.285	0.948	ug/L	0.000948	1					
Acenaphthylene	U	ND	0.285	0.948	ug/L	0.000948	1					
Acetophenone	U	ND	2.85	9.48	ug/L	0.000948	1					
Anthracene	U	ND	0.285	0.948	ug/L	0.000948	1					
Atrazine	U	ND	2.85	9.48	ug/L	0.000948	1					
Benzaldehyde	U	ND	2.85	9.48	ug/L	0.000948	1					
Benzo(a)anthracene	U	ND	0.285	0.948	ug/L	0.000948	1					
Benzo(a)pyrene	U	ND	0.285	0.948	ug/L	0.000948	1					
Benzo(b)fluoranthene	U	ND	0.285	0.948	ug/L	0.000948	1					
Benzo(ghi)perylene	U	ND	0.285	0.948	ug/L	0.000948	1					
Benzo(k)fluoranthene	U	ND	0.285	0.948	ug/L	0.000948	1					
Butylbenzylphthalate	U	ND	0.285	0.948	ug/L	0.000948	1					
Carbazole	U	ND	0.285	0.948	ug/L	0.000948	1					
Chrysene	U	ND	0.285	0.948	ug/L	0.000948	1					
Di-n-butylphthalate	U	ND	0.285	0.948	ug/L	0.000948	1					
Di-n-octylphthalate	U	ND	0.285	0.948	ug/L	0.000948	1					
Dibenzo(a,h)anthracene	U	ND	0.285	0.948	ug/L	0.000948	1					
Dibenzofuran	U	ND	2.85	9.48	ug/L	0.000948	1					
Diethylphthalate	U	ND	0.285	0.948	ug/L	0.000948	1					
Dimethylphthalate	U	ND	0.285	0.948	ug/L	0.000948	1					
Diphenylamine	U	ND	2.85	9.48	ug/L	0.000948	1					
Fluoranthene	U	ND	0.285	0.948	ug/L	0.000948	1					
Fluorene	U	ND	0.285	0.948	ug/L	0.000948	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-18 Project: RVDE00226C
Sample ID: 766749002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.85	9.48	ug/L	0.000948	1					
Hexachlorobutadiene	U	ND	2.85	9.48	ug/L	0.000948	1					
Hexachlorocyclopentadiene	U	ND	2.85	9.48	ug/L	0.000948	1					
Hexachloroethane	U	ND	2.85	9.48	ug/L	0.000948	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.285	0.948	ug/L	0.000948	1					
Isophorone	U	ND	3.32	9.48	ug/L	0.000948	1					
N-Nitrosodipropylamine	U	ND	2.85	9.48	ug/L	0.000948	1					
Naphthalene	U	ND	0.285	0.948	ug/L	0.000948	1					
Nitrobenzene	U	ND	2.85	9.48	ug/L	0.000948	1					
Pentachlorophenol	U	ND	2.85	9.48	ug/L	0.000948	1					
Phenanthrene	U	ND	0.285	0.948	ug/L	0.000948	1					
Phenol	U	ND	2.85	9.48	ug/L	0.000948	1					
Pyrene	U	ND	0.285	0.948	ug/L	0.000948	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.85	9.48	ug/L	0.000948	1					
bis(2-Chloroethoxy)methane	U	ND	2.85	9.48	ug/L	0.000948	1					
bis(2-Chloroethyl) ether	U	ND	2.85	9.48	ug/L	0.000948	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.285	0.948	ug/L	0.000948	1					
m,p-Cresols	U	ND	3.51	9.48	ug/L	0.000948	1					
m-Nitroaniline	U	ND	2.85	9.48	ug/L	0.000948	1					
o-Cresol	U	ND	2.85	9.48	ug/L	0.000948	1					
o-Nitroaniline	U	ND	2.85	9.48	ug/L	0.000948	1					
p-Nitroaniline	U	ND	2.85	9.48	ug/L	0.000948	1					
1,1'-Biphenyl	hU	ND	2.84	9.48	ug/L	0.000948	1	LL2	03/16/26	1334	2960812	4
1,2,4,5-Tetrachlorobenzene	hU	ND	2.84	9.48	ug/L	0.000948	1					
2,3,4,6-Tetrachlorophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
2,4,5-Trichlorophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
2,4,6-Trichlorophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
2,4-Dichlorophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
2,4-Dimethylphenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
2,4-Dinitrophenol	hU	ND	4.74	19.0	ug/L	0.000948	1					
2,4-Dinitrotoluene	hU	ND	2.84	9.48	ug/L	0.000948	1					
2,6-Dinitrotoluene	hU	ND	2.84	9.48	ug/L	0.000948	1					
2-Chloronaphthalene	hU	ND	0.389	0.948	ug/L	0.000948	1					
2-Chlorophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
2-Methyl-4,6-dinitrophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
2-Methylnaphthalene	hU	ND	0.284	0.948	ug/L	0.000948	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-18 Project: RVDE00226C
Sample ID: 766749002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Nitrophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
3,3'-Dichlorobenzidine	hU	ND	2.84	9.48	ug/L	0.000948	1					
4-Bromophenylphenylether	hU	ND	2.84	9.48	ug/L	0.000948	1					
4-Chloro-3-methylphenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
4-Chloroaniline	hU	ND	3.13	9.48	ug/L	0.000948	1					
4-Chlorophenylphenylether	hU	ND	2.84	9.48	ug/L	0.000948	1					
4-Nitrophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
Acenaphthene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Acenaphthylene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Acetophenone	hU	ND	2.84	9.48	ug/L	0.000948	1					
Anthracene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Atrazine	hU	ND	2.84	9.48	ug/L	0.000948	1					
Benzaldehyde	hU	ND	2.84	9.48	ug/L	0.000948	1					
Benzo(a)anthracene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(a)pyrene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(b)fluoranthene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(ghi)perylene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(k)fluoranthene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Butylbenzylphthalate	hU	ND	0.284	0.948	ug/L	0.000948	1					
Carbazole	hU	ND	0.284	0.948	ug/L	0.000948	1					
Chrysene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Di-n-butylphthalate	hU	ND	0.284	0.948	ug/L	0.000948	1					
Di-n-octylphthalate	hU	ND	0.284	0.948	ug/L	0.000948	1					
Dibenzo(a,h)anthracene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Dibenzofuran	hU	ND	2.84	9.48	ug/L	0.000948	1					
Diethylphthalate	hU	ND	0.284	0.948	ug/L	0.000948	1					
Dimethylphthalate	hU	ND	0.284	0.948	ug/L	0.000948	1					
Diphenylamine	hU	ND	2.84	9.48	ug/L	0.000948	1					
Fluoranthene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Fluorene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Hexachlorobenzene	hU	ND	2.84	9.48	ug/L	0.000948	1					
Hexachlorobutadiene	hU	ND	2.84	9.48	ug/L	0.000948	1					
Hexachlorocyclopentadiene	hU	ND	2.84	9.48	ug/L	0.000948	1					
Hexachloroethane	hU	ND	2.84	9.48	ug/L	0.000948	1					
Indeno(1,2,3-cd)pyrene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Isophorone	hU	ND	3.32	9.48	ug/L	0.000948	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-18 Project: RVDE00226C
Sample ID: 766749002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
N-Nitrosodipropylamine	hU	ND	2.84	9.48	ug/L	0.000948	1					
Naphthalene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Nitrobenzene	hU	ND	2.84	9.48	ug/L	0.000948	1					
Pentachlorophenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
Phenanthrene	hU	ND	0.284	0.948	ug/L	0.000948	1					
Phenol	hU	ND	2.84	9.48	ug/L	0.000948	1					
Pyrene	hU	ND	0.284	0.948	ug/L	0.000948	1					
bis(2-Chloro-1-methylethyl)ether	hU	ND	2.84	9.48	ug/L	0.000948	1					
bis(2-Chloroethoxy)methane	hU	ND	2.84	9.48	ug/L	0.000948	1					
bis(2-Chloroethyl) ether	hU	ND	2.84	9.48	ug/L	0.000948	1					
bis(2-Ethylhexyl)phthalate	hU	ND	0.284	0.948	ug/L	0.000948	1					
m,p-Cresols	hU	ND	3.51	9.48	ug/L	0.000948	1					
m-Nitroaniline	hU	ND	2.84	9.48	ug/L	0.000948	1					
o-Cresol	hU	ND	2.84	9.48	ug/L	0.000948	1					
o-Nitroaniline	hU	ND	2.84	9.48	ug/L	0.000948	1					
p-Nitroaniline	hU	ND	2.84	9.48	ug/L	0.000948	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1257	2962178	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-18
Sample ID: 766749002
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-18 Project: RVDE00226C
Sample ID: 766749002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/10/26	1450	2958178
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/13/26	0810	2960811
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	20.2 ug/L	47.4	43	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	22.1 ug/L	47.4	47	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	20.0 ug/L	47.4	42	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	56.4 ug/L	94.8	59	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	11.2 ug/L	94.8	12*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	17.4 ug/L	94.8	18	(15%-72%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	28.3 ug/L	47.4	60	(32%-102%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	23.5 ug/L	47.4	50	(31%-100%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	16.2 ug/L	47.4	34	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	59.0 ug/L	94.8	62	(28%-113%)
2-Fluorophenol	8270 TCL BNA "As Received"	23.9 ug/L	94.8	25	(15%-72%)
Phenol-d5	8270 TCL BNA "As Received"	17.4 ug/L	94.8	18	(15%-85%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.3 ug/L	50.0	105	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.5 ug/L	50.0	99	(77%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-18	Project:	RVDE00226C
Sample ID:	766749002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-18 Field Filtered
Sample ID: 766749003
Matrix: Ground Water
Collect Date: 04-MAR-26 10:55
Receive Date: 04-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0947	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2132	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		67.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		57300	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		5050	30.0	100	ug/L	1.00	1					
Lead	J	4.52	3.30	20.0	ug/L	1.00	1					
Magnesium		8670	110	300	ug/L	1.00	1					
Manganese		180	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3580	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		9520	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	12.0	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00586	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-18 Field Filtered	Project:	RVDE00226C
Sample ID:	766749003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-22	Project:	RVDE00226C
Sample ID:	766749004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	04-MAR-26 11:30		
Receive Date:	04-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0949	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		343	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2134	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	8.39	5.00	30.0	ug/L	1.00	1					
Barium		14.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		30600	50.0	200	ug/L	1.00	1					
Chromium	J	2.88	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		312	30.0	100	ug/L	1.00	1					
Lead	J	4.95	3.30	20.0	ug/L	1.00	1					
Magnesium		6550	110	300	ug/L	1.00	1					
Manganese		32.8	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		6210	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		12900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		117	1.00	5.00	ug/L	1.00	1					
Zinc	J	9.32	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.85	9.51	ug/L	0.000951	1	BM1	03/11/26	1643	2958179	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.85	9.51	ug/L	0.000951	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4,5-Trichlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4,6-Trichlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4-Dichlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4-Dimethylphenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4-Dinitrophenol	U	ND	4.75	19.0	ug/L	0.000951	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-22 Project: RVDE00226C
Sample ID: 766749004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.85	9.51	ug/L	0.000951	1					
2,6-Dinitrotoluene	U	ND	2.85	9.51	ug/L	0.000951	1					
2-Chloronaphthalene	U	ND	0.390	0.951	ug/L	0.000951	1					
2-Chlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2-Methylnaphthalene	U	ND	0.285	0.951	ug/L	0.000951	1					
2-Nitrophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
3,3'-Dichlorobenzidine	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Bromophenylphenylether	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Chloro-3-methylphenol	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Chloroaniline	U	ND	3.14	9.51	ug/L	0.000951	1					
4-Chlorophenylphenylether	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Nitrophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
Acenaphthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Acenaphthylene	U	ND	0.285	0.951	ug/L	0.000951	1					
Acetophenone	U	ND	2.85	9.51	ug/L	0.000951	1					
Anthracene	U	ND	0.285	0.951	ug/L	0.000951	1					
Atrazine	U	ND	2.85	9.51	ug/L	0.000951	1					
Benzaldehyde	U	ND	2.85	9.51	ug/L	0.000951	1					
Benzo(a)anthracene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(a)pyrene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(b)fluoranthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(ghi)perylene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(k)fluoranthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Butylbenzylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Carbazole	U	ND	0.285	0.951	ug/L	0.000951	1					
Chrysene	U	ND	0.285	0.951	ug/L	0.000951	1					
Di-n-butylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Di-n-octylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Dibenzo(a,h)anthracene	U	ND	0.285	0.951	ug/L	0.000951	1					
Dibenzofuran	U	ND	2.85	9.51	ug/L	0.000951	1					
Diethylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Dimethylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Diphenylamine	U	ND	2.85	9.51	ug/L	0.000951	1					
Fluoranthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Fluorene	U	ND	0.285	0.951	ug/L	0.000951	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-22 Project: RVDE00226C
Sample ID: 766749004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.85	9.51	ug/L	0.000951	1					
Hexachlorobutadiene	U	ND	2.85	9.51	ug/L	0.000951	1					
Hexachlorocyclopentadiene	U	ND	2.85	9.51	ug/L	0.000951	1					
Hexachloroethane	U	ND	2.85	9.51	ug/L	0.000951	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.285	0.951	ug/L	0.000951	1					
Isophorone	U	ND	3.33	9.51	ug/L	0.000951	1					
N-Nitrosodipropylamine	U	ND	2.85	9.51	ug/L	0.000951	1					
Naphthalene	U	ND	0.285	0.951	ug/L	0.000951	1					
Nitrobenzene	U	ND	2.85	9.51	ug/L	0.000951	1					
Pentachlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
Phenanthrene	U	ND	0.285	0.951	ug/L	0.000951	1					
Phenol	U	ND	2.85	9.51	ug/L	0.000951	1					
Pyrene	U	ND	0.285	0.951	ug/L	0.000951	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.85	9.51	ug/L	0.000951	1					
bis(2-Chloroethoxy)methane	U	ND	2.85	9.51	ug/L	0.000951	1					
bis(2-Chloroethyl) ether	U	ND	2.85	9.51	ug/L	0.000951	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
m,p-Cresols	U	ND	3.52	9.51	ug/L	0.000951	1					
m-Nitroaniline	U	ND	2.85	9.51	ug/L	0.000951	1					
o-Cresol	U	ND	2.85	9.51	ug/L	0.000951	1					
o-Nitroaniline	U	ND	2.85	9.51	ug/L	0.000951	1					
p-Nitroaniline	U	ND	2.85	9.51	ug/L	0.000951	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1322	2962178	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-22
Sample ID: 766749004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-22 Project: RVDE00226C
Sample ID: 766749004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/10/26	1450	2958178
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.4 ug/L	47.5	58	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	32.1 ug/L	47.5	68	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	21.4 ug/L	47.5	45	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	76.2 ug/L	95.1	80	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	16.0 ug/L	95.1	17	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	22.7 ug/L	95.1	24	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.5 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.4 ug/L	50.0	107	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.9 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-22	Project:	RVDE00226C
Sample ID:	766749004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-22 Field Filtered
Sample ID: 766749005
Matrix: Ground Water
Collect Date: 04-MAR-26 11:30
Receive Date: 04-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0950	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2138	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		13.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		30100	50.0	200	ug/L	1.00	1					
Chromium	J	2.41	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	J	4.49	3.30	20.0	ug/L	1.00	1					
Magnesium		6740	110	300	ug/L	1.00	1					
Manganese		30.5	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		6110	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		13100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		105	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.18	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-22 Field Filtered	Project:	RVDE00226C
Sample ID:	766749005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-2	Project:	RVDE00226C
Sample ID:	766749006	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	04-MAR-26 12:10		
Receive Date:	04-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0952	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		3020	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2141	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	9.20	5.00	30.0	ug/L	1.00	1					
Barium		26.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		79700	50.0	200	ug/L	1.00	1					
Chromium		33.6	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	70.2	30.0	100	ug/L	1.00	1					
Lead	J	5.11	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9110	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		9100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		551	1.00	5.00	ug/L	1.00	1					
Zinc	J	13.3	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.48	ug/L	0.000948	1	BM1	03/11/26	1704	2958179	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.48	ug/L	0.000948	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
2,4-Dichlorophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
2,4-Dimethylphenol	U	ND	2.84	9.48	ug/L	0.000948	1					
2,4-Dinitrophenol	U	ND	4.74	19.0	ug/L	0.000948	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2 Project: RVDE00226C
Sample ID: 766749006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.48	ug/L	0.000948	1					
2,6-Dinitrotoluene	U	ND	2.84	9.48	ug/L	0.000948	1					
2-Chloronaphthalene	U	ND	0.388	0.948	ug/L	0.000948	1					
2-Chlorophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
2-Methylnaphthalene	U	ND	0.284	0.948	ug/L	0.000948	1					
2-Nitrophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.48	ug/L	0.000948	1					
4-Bromophenylphenylether	U	ND	2.84	9.48	ug/L	0.000948	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.48	ug/L	0.000948	1					
4-Chloroaniline	U	ND	3.13	9.48	ug/L	0.000948	1					
4-Chlorophenylphenylether	U	ND	2.84	9.48	ug/L	0.000948	1					
4-Nitrophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
Acenaphthene	U	ND	0.284	0.948	ug/L	0.000948	1					
Acenaphthylene	U	ND	0.284	0.948	ug/L	0.000948	1					
Acetophenone	U	ND	2.84	9.48	ug/L	0.000948	1					
Anthracene	U	ND	0.284	0.948	ug/L	0.000948	1					
Atrazine	U	ND	2.84	9.48	ug/L	0.000948	1					
Benzaldehyde	U	ND	2.84	9.48	ug/L	0.000948	1					
Benzo(a)anthracene	U	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(a)pyrene	U	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(b)fluoranthene	U	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(ghi)perylene	U	ND	0.284	0.948	ug/L	0.000948	1					
Benzo(k)fluoranthene	U	ND	0.284	0.948	ug/L	0.000948	1					
Butylbenzylphthalate	U	ND	0.284	0.948	ug/L	0.000948	1					
Carbazole	U	ND	0.284	0.948	ug/L	0.000948	1					
Chrysene	U	ND	0.284	0.948	ug/L	0.000948	1					
Di-n-butylphthalate	J	0.445	0.284	0.948	ug/L	0.000948	1					
Di-n-octylphthalate	U	ND	0.284	0.948	ug/L	0.000948	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.948	ug/L	0.000948	1					
Dibenzofuran	U	ND	2.84	9.48	ug/L	0.000948	1					
Diethylphthalate	U	ND	0.284	0.948	ug/L	0.000948	1					
Dimethylphthalate	U	ND	0.284	0.948	ug/L	0.000948	1					
Diphenylamine	U	ND	2.84	9.48	ug/L	0.000948	1					
Fluoranthene	U	ND	0.284	0.948	ug/L	0.000948	1					
Fluorene	U	ND	0.284	0.948	ug/L	0.000948	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2 Project: RVDE00226C
Sample ID: 766749006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.48	ug/L	0.000948	1					
Hexachlorobutadiene	U	ND	2.84	9.48	ug/L	0.000948	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.48	ug/L	0.000948	1					
Hexachloroethane	U	ND	2.84	9.48	ug/L	0.000948	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.948	ug/L	0.000948	1					
Isophorone	U	ND	3.32	9.48	ug/L	0.000948	1					
N-Nitrosodipropylamine	U	ND	2.84	9.48	ug/L	0.000948	1					
Naphthalene	U	ND	0.284	0.948	ug/L	0.000948	1					
Nitrobenzene	U	ND	2.84	9.48	ug/L	0.000948	1					
Pentachlorophenol	U	ND	2.84	9.48	ug/L	0.000948	1					
Phenanthrene	U	ND	0.284	0.948	ug/L	0.000948	1					
Phenol	U	ND	2.84	9.48	ug/L	0.000948	1					
Pyrene	U	ND	0.284	0.948	ug/L	0.000948	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.48	ug/L	0.000948	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.48	ug/L	0.000948	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.48	ug/L	0.000948	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.948	ug/L	0.000948	1					
m,p-Cresols	U	ND	3.51	9.48	ug/L	0.000948	1					
m-Nitroaniline	U	ND	2.84	9.48	ug/L	0.000948	1					
o-Cresol	U	ND	2.84	9.48	ug/L	0.000948	1					
o-Nitroaniline	U	ND	2.84	9.48	ug/L	0.000948	1					
p-Nitroaniline	U	ND	2.84	9.48	ug/L	0.000948	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0358	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1347	2962178	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2 Project: RVDE00226C
Sample ID: 766749006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		3.77	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2 Project: RVDE00226C
Sample ID: 766749006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	J	0.420	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/10/26	1450	2958178
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.3 ug/L	47.4	58	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	28.9 ug/L	47.4	61	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	30.2 ug/L	47.4	64	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	71.7 ug/L	94.8	76	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.9 ug/L	94.8	17	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	23.2 ug/L	94.8	24	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.3 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.9 ug/L	50.0	106	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-2	Project:	RVDE00226C
Sample ID:	766749006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-2 Field Filtered	Project:	RVDE00226C
Sample ID:	766749007	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	04-MAR-26 12:10		
Receive Date:	04-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0954	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		2900	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2144	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		27.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		79700	50.0	200	ug/L	1.00	1					
Chromium		34.8	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	J	4.88	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.85	1.50	5.00	ug/L	1.00	1					
Potassium		9090	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		9130	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		487	1.00	5.00	ug/L	1.00	1					
Zinc	J	12.5	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0347	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-2 Field Filtered	Project:	RVDE00226C
Sample ID:	766749007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2-DP
Sample ID: 766749008
Matrix: Ground Water
Collect Date: 04-MAR-26 12:12
Receive Date: 04-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0955	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		3050	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2148	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		27.8	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		79700	50.0	200	ug/L	1.00	1					
Chromium		34.3	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	81.4	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9120	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		9160	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		484	1.00	5.00	ug/L	1.00	1					
Zinc	J	13.7	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.91	9.70	ug/L	0.000970	1	BM1	03/11/26	1724	2958179	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.91	9.70	ug/L	0.000970	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4,5-Trichlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4,6-Trichlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4-Dichlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4-Dimethylphenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4-Dinitrophenol	U	ND	4.85	19.4	ug/L	0.000970	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2-DP
Sample ID: 766749008
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.91	9.70	ug/L	0.000970	1					
2,6-Dinitrotoluene	U	ND	2.91	9.70	ug/L	0.000970	1					
2-Chloronaphthalene	U	ND	0.398	0.970	ug/L	0.000970	1					
2-Chlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2-Methylnaphthalene	U	ND	0.291	0.970	ug/L	0.000970	1					
2-Nitrophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
3,3'-Dichlorobenzidine	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Bromophenylphenylether	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Chloro-3-methylphenol	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Chloroaniline	U	ND	3.20	9.70	ug/L	0.000970	1					
4-Chlorophenylphenylether	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Nitrophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
Acenaphthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Acenaphthylene	U	ND	0.291	0.970	ug/L	0.000970	1					
Acetophenone	U	ND	2.91	9.70	ug/L	0.000970	1					
Anthracene	U	ND	0.291	0.970	ug/L	0.000970	1					
Atrazine	U	ND	2.91	9.70	ug/L	0.000970	1					
Benzaldehyde	U	ND	2.91	9.70	ug/L	0.000970	1					
Benzo(a)anthracene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(a)pyrene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(b)fluoranthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(ghi)perylene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(k)fluoranthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Butylbenzylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Carbazole	U	ND	0.291	0.970	ug/L	0.000970	1					
Chrysene	U	ND	0.291	0.970	ug/L	0.000970	1					
Di-n-butylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Di-n-octylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Dibenzo(a,h)anthracene	U	ND	0.291	0.970	ug/L	0.000970	1					
Dibenzofuran	U	ND	2.91	9.70	ug/L	0.000970	1					
Diethylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Dimethylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Diphenylamine	U	ND	2.91	9.70	ug/L	0.000970	1					
Fluoranthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Fluorene	U	ND	0.291	0.970	ug/L	0.000970	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2-DP
Sample ID: 766749008
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.91	9.70	ug/L	0.000970	1					
Hexachlorobutadiene	U	ND	2.91	9.70	ug/L	0.000970	1					
Hexachlorocyclopentadiene	U	ND	2.91	9.70	ug/L	0.000970	1					
Hexachloroethane	U	ND	2.91	9.70	ug/L	0.000970	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.291	0.970	ug/L	0.000970	1					
Isophorone	U	ND	3.39	9.70	ug/L	0.000970	1					
N-Nitrosodipropylamine	U	ND	2.91	9.70	ug/L	0.000970	1					
Naphthalene	U	ND	0.291	0.970	ug/L	0.000970	1					
Nitrobenzene	U	ND	2.91	9.70	ug/L	0.000970	1					
Pentachlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
Phenanthrene	U	ND	0.291	0.970	ug/L	0.000970	1					
Phenol	U	ND	2.91	9.70	ug/L	0.000970	1					
Pyrene	U	ND	0.291	0.970	ug/L	0.000970	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.91	9.70	ug/L	0.000970	1					
bis(2-Chloroethoxy)methane	U	ND	2.91	9.70	ug/L	0.000970	1					
bis(2-Chloroethyl) ether	U	ND	2.91	9.70	ug/L	0.000970	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
m,p-Cresols	U	ND	3.59	9.70	ug/L	0.000970	1					
m-Nitroaniline	U	ND	2.91	9.70	ug/L	0.000970	1					
o-Cresol	U	ND	2.91	9.70	ug/L	0.000970	1					
o-Nitroaniline	U	ND	2.91	9.70	ug/L	0.000970	1					
p-Nitroaniline	U	ND	2.91	9.70	ug/L	0.000970	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0313	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1412	2962178	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2-DP
Sample ID: 766749008
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	1.92	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		3.60	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-2-DP
Sample ID: 766749008
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	J	0.400	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/10/26	1450	2958178
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	33.2 ug/L	48.5	69	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	37.5 ug/L	48.5	77	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	34.5 ug/L	48.5	71	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	73.8 ug/L	97.0	76	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	19.0 ug/L	97.0	20	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	27.7 ug/L	97.0	29	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.7 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	54.0 ug/L	50.0	108	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.9 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-2-DP	Project:	RVDE00226C
Sample ID:	766749008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-2-DP Field Filtered	Project:	RVDE00226C
Sample ID:	766749009	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	04-MAR-26 12:12		
Receive Date:	04-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0957	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		2790	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2157	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	12.1	5.00	30.0	ug/L	1.00	1					
Barium		26.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		76700	50.0	200	ug/L	1.00	1					
Chromium		33.8	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.61	1.50	5.00	ug/L	1.00	1					
Potassium		8780	50.0	250	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8840	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		470	1.00	5.00	ug/L	1.00	1					
Zinc	J	13.2	3.30	20.0	ug/L	1.00	1					
Selenium	U	ND	30.0	150	ug/L	1.00	5	JWJ	03/06/26	2215	2956460	3
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0302	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-2-DP Field Filtered	Project:	RVDE00226C
Sample ID:	766749009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-030426
Sample ID: 766749010
Matrix: Water
Collect Date: 04-MAR-26 12:40
Receive Date: 04-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	0958	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2201	2956460	2
Antimony	J	3.60	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium	U	ND	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium	J	61.5	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	J	5.00	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium	U	ND	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium	J	144	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	U	ND	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.96	9.87	ug/L	0.000987	1	BM1	03/11/26	1745	2958179	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.96	9.87	ug/L	0.000987	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
2,4,5-Trichlorophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
2,4,6-Trichlorophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
2,4-Dichlorophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
2,4-Dimethylphenol	U	ND	2.96	9.87	ug/L	0.000987	1					
2,4-Dinitrophenol	U	ND	4.94	19.7	ug/L	0.000987	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-030426 Project: RVDE00226C
Sample ID: 766749010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.96	9.87	ug/L	0.000987	1					
2,6-Dinitrotoluene	U	ND	2.96	9.87	ug/L	0.000987	1					
2-Chloronaphthalene	U	ND	0.405	0.987	ug/L	0.000987	1					
2-Chlorophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
2-Methylnaphthalene	U	ND	0.296	0.987	ug/L	0.000987	1					
2-Nitrophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
3,3'-Dichlorobenzidine	U	ND	2.96	9.87	ug/L	0.000987	1					
4-Bromophenylphenylether	U	ND	2.96	9.87	ug/L	0.000987	1					
4-Chloro-3-methylphenol	U	ND	2.96	9.87	ug/L	0.000987	1					
4-Chloroaniline	U	ND	3.26	9.87	ug/L	0.000987	1					
4-Chlorophenylphenylether	U	ND	2.96	9.87	ug/L	0.000987	1					
4-Nitrophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
Acenaphthene	U	ND	0.296	0.987	ug/L	0.000987	1					
Acenaphthylene	U	ND	0.296	0.987	ug/L	0.000987	1					
Acetophenone	U	ND	2.96	9.87	ug/L	0.000987	1					
Anthracene	U	ND	0.296	0.987	ug/L	0.000987	1					
Atrazine	U	ND	2.96	9.87	ug/L	0.000987	1					
Benzaldehyde	U	ND	2.96	9.87	ug/L	0.000987	1					
Benzo(a)anthracene	U	ND	0.296	0.987	ug/L	0.000987	1					
Benzo(a)pyrene	U	ND	0.296	0.987	ug/L	0.000987	1					
Benzo(b)fluoranthene	U	ND	0.296	0.987	ug/L	0.000987	1					
Benzo(ghi)perylene	U	ND	0.296	0.987	ug/L	0.000987	1					
Benzo(k)fluoranthene	U	ND	0.296	0.987	ug/L	0.000987	1					
Butylbenzylphthalate	U	ND	0.296	0.987	ug/L	0.000987	1					
Carbazole	U	ND	0.296	0.987	ug/L	0.000987	1					
Chrysene	U	ND	0.296	0.987	ug/L	0.000987	1					
Di-n-butylphthalate	U	ND	0.296	0.987	ug/L	0.000987	1					
Di-n-octylphthalate	U	ND	0.296	0.987	ug/L	0.000987	1					
Dibenzo(a,h)anthracene	U	ND	0.296	0.987	ug/L	0.000987	1					
Dibenzofuran	U	ND	2.96	9.87	ug/L	0.000987	1					
Diethylphthalate	U	ND	0.296	0.987	ug/L	0.000987	1					
Dimethylphthalate	U	ND	0.296	0.987	ug/L	0.000987	1					
Diphenylamine	U	ND	2.96	9.87	ug/L	0.000987	1					
Fluoranthene	U	ND	0.296	0.987	ug/L	0.000987	1					
Fluorene	U	ND	0.296	0.987	ug/L	0.000987	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-030426 Project: RVDE00226C
Sample ID: 766749010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.96	9.87	ug/L	0.000987	1					
Hexachlorobutadiene	U	ND	2.96	9.87	ug/L	0.000987	1					
Hexachlorocyclopentadiene	U	ND	2.96	9.87	ug/L	0.000987	1					
Hexachloroethane	U	ND	2.96	9.87	ug/L	0.000987	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.296	0.987	ug/L	0.000987	1					
Isophorone	U	ND	3.46	9.87	ug/L	0.000987	1					
N-Nitrosodipropylamine	U	ND	2.96	9.87	ug/L	0.000987	1					
Naphthalene	U	ND	0.296	0.987	ug/L	0.000987	1					
Nitrobenzene	U	ND	2.96	9.87	ug/L	0.000987	1					
Pentachlorophenol	U	ND	2.96	9.87	ug/L	0.000987	1					
Phenanthrene	U	ND	0.296	0.987	ug/L	0.000987	1					
Phenol	U	ND	2.96	9.87	ug/L	0.000987	1					
Pyrene	U	ND	0.296	0.987	ug/L	0.000987	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.96	9.87	ug/L	0.000987	1					
bis(2-Chloroethoxy)methane	U	ND	2.96	9.87	ug/L	0.000987	1					
bis(2-Chloroethyl) ether	U	ND	2.96	9.87	ug/L	0.000987	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.296	0.987	ug/L	0.000987	1					
m,p-Cresols	U	ND	3.65	9.87	ug/L	0.000987	1					
m-Nitroaniline	U	ND	2.96	9.87	ug/L	0.000987	1					
o-Cresol	U	ND	2.96	9.87	ug/L	0.000987	1					
o-Nitroaniline	U	ND	2.96	9.87	ug/L	0.000987	1					
p-Nitroaniline	U	ND	2.96	9.87	ug/L	0.000987	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1231	2962178	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-030426 Project: RVDE00226C
Sample ID: 766749010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	J	0.950	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-EB-030426 Project: RVDE00226C
Sample ID: 766749010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/10/26	1450	2958178
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	37.0 ug/L	49.4	75	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	41.5 ug/L	49.4	84	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	35.4 ug/L	49.4	72	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	99.5 ug/L	98.7	101	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	21.4 ug/L	98.7	22	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	33.7 ug/L	98.7	34	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.9 ug/L	50.0	106	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.0 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-EB-030426	Project:	RVDE00226C
Sample ID:	766749010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-21
Sample ID: 766749011
Matrix: Ground Water
Collect Date: 04-MAR-26 13:15
Receive Date: 04-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	1000	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		755	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2204	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.64	5.00	30.0	ug/L	1.00	1					
Barium		498	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		282000	50.0	200	ug/L	1.00	1					
Chromium		84.5	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	J	10.9	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.70	1.50	5.00	ug/L	1.00	1					
Potassium		20300	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	J	3.02	1.00	5.00	ug/L	1.00	1					
Sodium		18600	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.45	1.00	5.00	ug/L	1.00	1					
Zinc		26.3	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.45	11.5	ug/L	0.00115	1	BM1	03/11/26	1805	2958179	3
1,2,4,5-Tetrachlorobenzene	U	ND	3.45	11.5	ug/L	0.00115	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
2,4,5-Trichlorophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
2,4,6-Trichlorophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
2,4-Dichlorophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
2,4-Dimethylphenol	U	ND	3.45	11.5	ug/L	0.00115	1					
2,4-Dinitrophenol	U	ND	5.76	23.0	ug/L	0.00115	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-21 Project: RVDE00226C
Sample ID: 766749011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.45	11.5	ug/L	0.00115	1					
2,6-Dinitrotoluene	U	ND	3.45	11.5	ug/L	0.00115	1					
2-Chloronaphthalene	U	ND	0.472	1.15	ug/L	0.00115	1					
2-Chlorophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
2-Methylnaphthalene	U	ND	0.345	1.15	ug/L	0.00115	1					
2-Nitrophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
3,3'-Dichlorobenzidine	U	ND	3.45	11.5	ug/L	0.00115	1					
4-Bromophenylphenylether	U	ND	3.45	11.5	ug/L	0.00115	1					
4-Chloro-3-methylphenol	U	ND	3.45	11.5	ug/L	0.00115	1					
4-Chloroaniline	U	ND	3.80	11.5	ug/L	0.00115	1					
4-Chlorophenylphenylether	U	ND	3.45	11.5	ug/L	0.00115	1					
4-Nitrophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
Acenaphthene	U	ND	0.345	1.15	ug/L	0.00115	1					
Acenaphthylene	U	ND	0.345	1.15	ug/L	0.00115	1					
Acetophenone	U	ND	3.45	11.5	ug/L	0.00115	1					
Anthracene	U	ND	0.345	1.15	ug/L	0.00115	1					
Atrazine	U	ND	3.45	11.5	ug/L	0.00115	1					
Benzaldehyde	U	ND	3.45	11.5	ug/L	0.00115	1					
Benzo(a)anthracene	U	ND	0.345	1.15	ug/L	0.00115	1					
Benzo(a)pyrene	U	ND	0.345	1.15	ug/L	0.00115	1					
Benzo(b)fluoranthene	U	ND	0.345	1.15	ug/L	0.00115	1					
Benzo(ghi)perylene	U	ND	0.345	1.15	ug/L	0.00115	1					
Benzo(k)fluoranthene	U	ND	0.345	1.15	ug/L	0.00115	1					
Butylbenzylphthalate	U	ND	0.345	1.15	ug/L	0.00115	1					
Carbazole	U	ND	0.345	1.15	ug/L	0.00115	1					
Chrysene	U	ND	0.345	1.15	ug/L	0.00115	1					
Di-n-butylphthalate	J	0.391	0.345	1.15	ug/L	0.00115	1					
Di-n-octylphthalate	U	ND	0.345	1.15	ug/L	0.00115	1					
Dibenzo(a,h)anthracene	U	ND	0.345	1.15	ug/L	0.00115	1					
Dibenzofuran	U	ND	3.45	11.5	ug/L	0.00115	1					
Diethylphthalate	U	ND	0.345	1.15	ug/L	0.00115	1					
Dimethylphthalate	U	ND	0.345	1.15	ug/L	0.00115	1					
Diphenylamine	U	ND	3.45	11.5	ug/L	0.00115	1					
Fluoranthene	U	ND	0.345	1.15	ug/L	0.00115	1					
Fluorene	U	ND	0.345	1.15	ug/L	0.00115	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-21 Project: RVDE00226C
Sample ID: 766749011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.45	11.5	ug/L	0.00115	1					
Hexachlorobutadiene	U	ND	3.45	11.5	ug/L	0.00115	1					
Hexachlorocyclopentadiene	U	ND	3.45	11.5	ug/L	0.00115	1					
Hexachloroethane	U	ND	3.45	11.5	ug/L	0.00115	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.345	1.15	ug/L	0.00115	1					
Isophorone	U	ND	4.03	11.5	ug/L	0.00115	1					
N-Nitrosodipropylamine	U	ND	3.45	11.5	ug/L	0.00115	1					
Naphthalene	U	ND	0.345	1.15	ug/L	0.00115	1					
Nitrobenzene	U	ND	3.45	11.5	ug/L	0.00115	1					
Pentachlorophenol	U	ND	3.45	11.5	ug/L	0.00115	1					
Phenanthrene	U	ND	0.345	1.15	ug/L	0.00115	1					
Phenol	U	ND	3.45	11.5	ug/L	0.00115	1					
Pyrene	U	ND	0.345	1.15	ug/L	0.00115	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.45	11.5	ug/L	0.00115	1					
bis(2-Chloroethoxy)methane	U	ND	3.45	11.5	ug/L	0.00115	1					
bis(2-Chloroethyl) ether	U	ND	3.45	11.5	ug/L	0.00115	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.345	1.15	ug/L	0.00115	1					
m,p-Cresols	U	ND	4.26	11.5	ug/L	0.00115	1					
m-Nitroaniline	U	ND	3.45	11.5	ug/L	0.00115	1					
o-Cresol	U	ND	3.45	11.5	ug/L	0.00115	1					
o-Nitroaniline	U	ND	3.45	11.5	ug/L	0.00115	1					
p-Nitroaniline	U	ND	3.45	11.5	ug/L	0.00115	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0867	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1437	2962178	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-21 Project: RVDE00226C
Sample ID: 766749011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	3.94	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-21	Project:	RVDE00226C
Sample ID:	766749011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/10/26	1450	2958178
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	84.8 ug/L	115	74	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	21.0 ug/L	115	18	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	31.3 ug/L	115	27	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.4 ug/L	57.6	51	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	31.2 ug/L	57.6	54	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	28.1 ug/L	57.6	49	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.2 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	54.6 ug/L	50.0	109	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.5 ug/L	50.0	101	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-21	Project:	RVDE00226C
Sample ID:	766749011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-21 Field Filtered
Sample ID: 766749012
Matrix: Ground Water
Collect Date: 04-MAR-26 13:15
Receive Date: 04-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	1002	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		745	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2207	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	6.66	5.00	30.0	ug/L	1.00	1					
Barium		541	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		302000	50.0	200	ug/L	1.00	1					
Chromium		81.5	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	J	13.1	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		21100	50.0	250	ug/L	1.00	1					
Silver	J	3.18	1.00	5.00	ug/L	1.00	1					
Sodium		19200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.29	1.00	5.00	ug/L	1.00	1					
Zinc		23.4	3.30	20.0	ug/L	1.00	1					
Selenium	U	ND	30.0	150	ug/L	1.00	5	JWJ	03/06/26	2219	2956460	3
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0889	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-21 Field Filtered	Project:	RVDE00226C
Sample ID:	766749012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-1
Sample ID: 766749013
Matrix: Ground Water
Collect Date: 04-MAR-26 14:00
Receive Date: 04-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	1007	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	97.8	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2211	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		49.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		17600	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	J	2.13	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		6460	30.0	100	ug/L	1.00	1					
Lead	J	7.85	3.30	20.0	ug/L	1.00	1					
Magnesium		3280	110	300	ug/L	1.00	1					
Manganese		202	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4260	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		23600	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.51	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.83	9.44	ug/L	0.000944	1	BM1	03/11/26	1825	2958179	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.83	9.44	ug/L	0.000944	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
2,4,5-Trichlorophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
2,4,6-Trichlorophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
2,4-Dichlorophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
2,4-Dimethylphenol	U	ND	2.83	9.44	ug/L	0.000944	1					
2,4-Dinitrophenol	U	ND	4.72	18.9	ug/L	0.000944	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-1	Project:	RVDE00226C
Sample ID:	766749013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.83	9.44	ug/L	0.000944	1					
2,6-Dinitrotoluene	U	ND	2.83	9.44	ug/L	0.000944	1					
2-Chloronaphthalene	U	ND	0.387	0.944	ug/L	0.000944	1					
2-Chlorophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
2-Methylnaphthalene	U	ND	0.283	0.944	ug/L	0.000944	1					
2-Nitrophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
3,3'-Dichlorobenzidine	U	ND	2.83	9.44	ug/L	0.000944	1					
4-Bromophenylphenylether	U	ND	2.83	9.44	ug/L	0.000944	1					
4-Chloro-3-methylphenol	U	ND	2.83	9.44	ug/L	0.000944	1					
4-Chloroaniline	U	ND	3.12	9.44	ug/L	0.000944	1					
4-Chlorophenylphenylether	U	ND	2.83	9.44	ug/L	0.000944	1					
4-Nitrophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
Acenaphthene	U	ND	0.283	0.944	ug/L	0.000944	1					
Acenaphthylene	U	ND	0.283	0.944	ug/L	0.000944	1					
Acetophenone	U	ND	2.83	9.44	ug/L	0.000944	1					
Anthracene	U	ND	0.283	0.944	ug/L	0.000944	1					
Atrazine	U	ND	2.83	9.44	ug/L	0.000944	1					
Benzaldehyde	U	ND	2.83	9.44	ug/L	0.000944	1					
Benzo(a)anthracene	U	ND	0.283	0.944	ug/L	0.000944	1					
Benzo(a)pyrene	U	ND	0.283	0.944	ug/L	0.000944	1					
Benzo(b)fluoranthene	U	ND	0.283	0.944	ug/L	0.000944	1					
Benzo(ghi)perylene	U	ND	0.283	0.944	ug/L	0.000944	1					
Benzo(k)fluoranthene	U	ND	0.283	0.944	ug/L	0.000944	1					
Butylbenzylphthalate	U	ND	0.283	0.944	ug/L	0.000944	1					
Carbazole	U	ND	0.283	0.944	ug/L	0.000944	1					
Chrysene	U	ND	0.283	0.944	ug/L	0.000944	1					
Di-n-butylphthalate	U	ND	0.283	0.944	ug/L	0.000944	1					
Di-n-octylphthalate	U	ND	0.283	0.944	ug/L	0.000944	1					
Dibenzo(a,h)anthracene	U	ND	0.283	0.944	ug/L	0.000944	1					
Dibenzofuran	U	ND	2.83	9.44	ug/L	0.000944	1					
Diethylphthalate	U	ND	0.283	0.944	ug/L	0.000944	1					
Dimethylphthalate	U	ND	0.283	0.944	ug/L	0.000944	1					
Diphenylamine	U	ND	2.83	9.44	ug/L	0.000944	1					
Fluoranthene	U	ND	0.283	0.944	ug/L	0.000944	1					
Fluorene	U	ND	0.283	0.944	ug/L	0.000944	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-1 Project: RVDE00226C
Sample ID: 766749013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.83	9.44	ug/L	0.000944	1					
Hexachlorobutadiene	U	ND	2.83	9.44	ug/L	0.000944	1					
Hexachlorocyclopentadiene	U	ND	2.83	9.44	ug/L	0.000944	1					
Hexachloroethane	U	ND	2.83	9.44	ug/L	0.000944	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.283	0.944	ug/L	0.000944	1					
Isophorone	U	ND	3.31	9.44	ug/L	0.000944	1					
N-Nitrosodipropylamine	U	ND	2.83	9.44	ug/L	0.000944	1					
Naphthalene	U	ND	0.283	0.944	ug/L	0.000944	1					
Nitrobenzene	U	ND	2.83	9.44	ug/L	0.000944	1					
Pentachlorophenol	U	ND	2.83	9.44	ug/L	0.000944	1					
Phenanthrene	U	ND	0.283	0.944	ug/L	0.000944	1					
Phenol	U	ND	2.83	9.44	ug/L	0.000944	1					
Pyrene	U	ND	0.283	0.944	ug/L	0.000944	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.83	9.44	ug/L	0.000944	1					
bis(2-Chloroethoxy)methane	U	ND	2.83	9.44	ug/L	0.000944	1					
bis(2-Chloroethyl) ether	U	ND	2.83	9.44	ug/L	0.000944	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.283	0.944	ug/L	0.000944	1					
m,p-Cresols	U	ND	3.49	9.44	ug/L	0.000944	1					
m-Nitroaniline	U	ND	2.83	9.44	ug/L	0.000944	1					
o-Cresol	U	ND	2.83	9.44	ug/L	0.000944	1					
o-Nitroaniline	U	ND	2.83	9.44	ug/L	0.000944	1					
p-Nitroaniline	U	ND	2.83	9.44	ug/L	0.000944	1					
1,1'-Biphenyl	hU	ND	2.89	9.65	ug/L	0.000965	1	LL2	03/16/26	1358	2960812	4
1,2,4,5-Tetrachlorobenzene	hU	ND	2.89	9.65	ug/L	0.000965	1					
2,3,4,6-Tetrachlorophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
2,4,5-Trichlorophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
2,4,6-Trichlorophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dichlorophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dimethylphenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dinitrophenol	hU	ND	4.82	19.3	ug/L	0.000965	1					
2,4-Dinitrotoluene	hU	ND	2.89	9.65	ug/L	0.000965	1					
2,6-Dinitrotoluene	hU	ND	2.89	9.65	ug/L	0.000965	1					
2-Chloronaphthalene	hU	ND	0.396	0.965	ug/L	0.000965	1					
2-Chlorophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
2-Methyl-4,6-dinitrophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
2-Methylnaphthalene	hU	ND	0.289	0.965	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-1 Project: RVDE00226C
Sample ID: 766749013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Nitrophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
3,3'-Dichlorobenzidine	hU	ND	2.89	9.65	ug/L	0.000965	1					
4-Bromophenylphenylether	hU	ND	2.89	9.65	ug/L	0.000965	1					
4-Chloro-3-methylphenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
4-Chloroaniline	hU	ND	3.18	9.65	ug/L	0.000965	1					
4-Chlorophenylphenylether	hU	ND	2.89	9.65	ug/L	0.000965	1					
4-Nitrophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
Acenaphthene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Acenaphthylene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Acetophenone	hU	ND	2.89	9.65	ug/L	0.000965	1					
Anthracene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Atrazine	hU	ND	2.89	9.65	ug/L	0.000965	1					
Benzaldehyde	hU	ND	2.89	9.65	ug/L	0.000965	1					
Benzo(a)anthracene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(a)pyrene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(b)fluoranthene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(ghi)perylene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(k)fluoranthene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Butylbenzylphthalate	hU	ND	0.289	0.965	ug/L	0.000965	1					
Carbazole	hU	ND	0.289	0.965	ug/L	0.000965	1					
Chrysene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Di-n-butylphthalate	hU	ND	0.289	0.965	ug/L	0.000965	1					
Di-n-octylphthalate	hU	ND	0.289	0.965	ug/L	0.000965	1					
Dibenzo(a,h)anthracene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Dibenzofuran	hU	ND	2.89	9.65	ug/L	0.000965	1					
Diethylphthalate	hU	ND	0.289	0.965	ug/L	0.000965	1					
Dimethylphthalate	hU	ND	0.289	0.965	ug/L	0.000965	1					
Diphenylamine	hU	ND	2.89	9.65	ug/L	0.000965	1					
Fluoranthene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Fluorene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Hexachlorobenzene	hU	ND	2.89	9.65	ug/L	0.000965	1					
Hexachlorobutadiene	hU	ND	2.89	9.65	ug/L	0.000965	1					
Hexachlorocyclopentadiene	hU	ND	2.89	9.65	ug/L	0.000965	1					
Hexachloroethane	hU	ND	2.89	9.65	ug/L	0.000965	1					
Indeno(1,2,3-cd)pyrene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Isophorone	hU	ND	3.38	9.65	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-1 Project: RVDE00226C
Sample ID: 766749013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
N-Nitrosodipropylamine	hU	ND	2.89	9.65	ug/L	0.000965	1					
Naphthalene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Nitrobenzene	hU	ND	2.89	9.65	ug/L	0.000965	1					
Pentachlorophenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
Phenanthrene	hU	ND	0.289	0.965	ug/L	0.000965	1					
Phenol	hU	ND	2.89	9.65	ug/L	0.000965	1					
Pyrene	hU	ND	0.289	0.965	ug/L	0.000965	1					
bis(2-Chloro-1-methylethyl)ether	hU	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Chloroethoxy)methane	hU	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Chloroethyl) ether	hU	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Ethylhexyl)phthalate	hU	ND	0.289	0.965	ug/L	0.000965	1					
m,p-Cresols	hU	ND	3.57	9.65	ug/L	0.000965	1					
m-Nitroaniline	hU	ND	2.89	9.65	ug/L	0.000965	1					
o-Cresol	hU	ND	2.89	9.65	ug/L	0.000965	1					
o-Nitroaniline	hU	ND	2.89	9.65	ug/L	0.000965	1					
p-Nitroaniline	hU	ND	2.89	9.65	ug/L	0.000965	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00475	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	03/16/26	1503	2962178	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-1 Project: RVDE00226C
Sample ID: 766749013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-1 Project: RVDE00226C
Sample ID: 766749013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/13/26	0810	2960811
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/10/26	1450	2958178
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	17.4 ug/L	47.2	37	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	19.2 ug/L	47.2	41	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	16.0 ug/L	47.2	34	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	45.2 ug/L	94.4	48	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	12.2 ug/L	94.4	13*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	17.6 ug/L	94.4	19	(15%-72%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	37.0 ug/L	48.2	77	(32%-102%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.5 ug/L	48.2	61	(31%-100%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	26.7 ug/L	48.2	55	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	76.2 ug/L	96.5	79	(28%-113%)
2-Fluorophenol	8270 TCL BNA "As Received"	30.9 ug/L	96.5	32	(15%-72%)
Phenol-d5	8270 TCL BNA "As Received"	22.2 ug/L	96.5	23	(15%-85%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.1 ug/L	50.0	106	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.7 ug/L	50.0	99	(77%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-1	Project:	RVDE00226C
Sample ID:	766749013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-1 Field Filtered	Project:	RVDE00226C
Sample ID:	766749014	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	04-MAR-26 14:00		
Receive Date:	04-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/06/26	1008	2956579	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	JWJ	03/06/26	2213	2956460	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		48.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		17600	50.0	200	ug/L	1.00	1					
Chromium	J	1.83	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.14	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		6350	30.0	100	ug/L	1.00	1					
Lead	J	6.32	3.30	20.0	ug/L	1.00	1					
Magnesium		3270	110	300	ug/L	1.00	1					
Manganese		200	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.76	1.50	5.00	ug/L	1.00	1					
Potassium		4300	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		23900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	5.33	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00475	0.00300	0.0100	mg/L		1	BR2	03/05/26	0947	2956440	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/05/26	1440	2956577
SW846 3005A	SW846 3005A for 6010D	MM7	03/05/26	0910	2956459

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-1 Field Filtered	Project:	RVDE00226C
Sample ID:	766749014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2956460											
QC1206397727 LCS											
Aluminum	5000			4910	ug/L		98.3	(80%-120%)	JWJ	03/06/26	21:11
Antimony	500			474	ug/L		94.8	(80%-120%)			
Arsenic	500			496	ug/L		99.3	(80%-120%)			
Barium	500			468	ug/L		93.5	(80%-120%)			
Beryllium	500			483	ug/L		96.6	(80%-120%)			
Cadmium	500			475	ug/L		95.1	(80%-120%)			
Calcium	5000			5110	ug/L		102	(80%-120%)			
Chromium	500			476	ug/L		95.2	(80%-120%)			
Cobalt	500			483	ug/L		96.7	(80%-120%)			
Copper	500			466	ug/L		93.1	(80%-120%)			
Iron	5000			5200	ug/L		104	(80%-120%)			
Lead	500			485	ug/L		96.9	(80%-120%)			

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2956460										
Magnesium	5000			5130	ug/L		103	(80%-120%)	JWJ	03/06/26 21:11
Manganese	500			463	ug/L		92.6	(80%-120%)		
Nickel	500			477	ug/L		95.4	(80%-120%)		
Potassium	5000			5000	ug/L		99.9	(80%-120%)		
Selenium	500			462	ug/L		92.5	(80%-120%)		
Silver	100			92.7	ug/L		92.7	(80%-120%)		
Sodium	5000			4880	ug/L		97.5	(80%-120%)		
Thallium	500			491	ug/L		98.3	(80%-120%)		
Vanadium	500			474	ug/L		94.8	(80%-120%)		
Zinc	500			462	ug/L		92.5	(80%-120%)		
QC1206397726 MB										
Aluminum			U	ND	ug/L					03/06/26 21:08
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2956460										
Beryllium			U	ND	ug/L				JWJ	03/06/26 21:08
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2956460											
Sodium				U	ND	ug/L				JWJ	03/06/26 21:08
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206397728 766749002 MS											
Aluminum	5000	J	72.4		4980	ug/L		98.1	(75%-125%)		03/06/26 21:16
Antimony	500	U	ND		477	ug/L		95.4	(75%-125%)		
Arsenic	500	J	5.09		498	ug/L		98.6	(75%-125%)		
Barium	500		65.9		533	ug/L		93.5	(75%-125%)		
Beryllium	500	U	ND		501	ug/L		100	(75%-125%)		
Cadmium	500	U	ND		527	ug/L		105	(75%-125%)		
Calcium	5000		55600		61700	ug/L		N/A	(75%-125%)		
Chromium	500	U	ND		546	ug/L		109	(75%-125%)		
Cobalt	500	U	ND		518	ug/L		104	(75%-125%)		
Copper	500	U	ND		487	ug/L		97.3	(75%-125%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2956460											
Iron	5000		4920		10000	ug/L		102	(75%-125%)	JWJ	03/06/26 21:16
Lead	500	J	3.52		473	ug/L		93.8	(75%-125%)		
Magnesium	5000		8490		13400	ug/L		98.1	(75%-125%)		
Manganese	500		178		652	ug/L		94.8	(75%-125%)		
Nickel	500	U	ND		520	ug/L		104	(75%-125%)		
Potassium	5000		3510		8380	ug/L		97.4	(75%-125%)		
Selenium	500	U	ND		448	ug/L		89.5	(75%-125%)		
Silver	100	U	ND		108	ug/L		108	(75%-125%)		
Sodium	5000		9110		14100	ug/L		100	(75%-125%)		
Thallium	500	U	ND		481	ug/L		96.2	(75%-125%)		
Vanadium	500	U	ND		561	ug/L		112	(75%-125%)		
Zinc	500	J	11.1		537	ug/L		105	(75%-125%)		
QC1206397729 766749002 MSD											
Aluminum	5000	J	72.4		4900	ug/L	1.44	96.6	(0%-20%)		03/06/26 21:18
Antimony	500	U	ND		486	ug/L	1.83	97.1	(0%-20%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2956460											
Arsenic	500	J	5.09		503	ug/L	1	99.6	(0%-20%)	JWJ	03/06/26 21:18
Barium	500		65.9		525	ug/L	1.55	91.8	(0%-20%)		
Beryllium	500	U	ND		494	ug/L	1.56	98.7	(0%-20%)		
Cadmium	500	U	ND		473	ug/L	10.8	94.5	(0%-20%)		
Calcium	5000		55600		59200	ug/L	4.15	N/A	(0%-20%)		
Chromium	500	U	ND		476	ug/L	13.8	95	(0%-20%)		
Cobalt	500	U	ND		473	ug/L	9.25	94.4	(0%-20%)		
Copper	500	U	ND		474	ug/L	2.58	94.8	(0%-20%)		
Iron	5000		4920		9890	ug/L	1.51	99.4	(0%-20%)		
Lead	500	J	3.52		484	ug/L	2.47	96.2	(0%-20%)		
Magnesium	5000		8490		13200	ug/L	1.86	93.2	(0%-20%)		
Manganese	500		178		637	ug/L	2.33	91.8	(0%-20%)		
Nickel	500	U	ND		464	ug/L	11.3	92.9	(0%-20%)		
Potassium	5000		3510		8630	ug/L	2.86	102	(0%-20%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2956460											
Selenium	500	U	ND		449	ug/L	0.372	89.9	(0%-20%)	JWJ	03/06/26 21:18
Silver	100	U	ND		94.8	ug/L	13.4	94.5	(0%-20%)		
Sodium	5000		9110		13600	ug/L	3.89	89.3	(0%-20%)		
Thallium	500	U	ND		485	ug/L	0.795	96.9	(0%-20%)		
Vanadium	500	U	ND		481	ug/L	15.4	96.2	(0%-20%)		
Zinc	500	J	11.1		474	ug/L	12.4	92.5	(0%-20%)		
QC1206397731 766749002 SDILT											
Aluminum		J	72.4	U	ND	ug/L	N/A		(0%-20%)		03/06/26 21:23
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		J	5.09	J	9.32	ug/L	816		(0%-20%)		
Barium			65.9		13.5	ug/L	2.7		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium			55600		11500	ug/L	3.6		(0%-20%)		
Chromium		U	ND	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2956460										
Cobalt	U	ND	J	1.06	ug/L	N/A		(0%-20%)	JWJ	03/06/26 21:23
Copper	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Iron		4920		1050	ug/L	6.3		(0%-20%)		
Lead	J	3.52	J	5.09	ug/L	624		(0%-20%)		
Magnesium		8490		1870	ug/L	9.89		(0%-20%)		
Manganese		178		36.5	ug/L	2.73		(0%-20%)		
Nickel	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Potassium		3510		703	ug/L	.0797		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		9110		1970	ug/L	8.32		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Zinc	J	11.1	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 2956579											
QC1206398010 766376001 DUP											
Mercury		U	ND	U	ND	ug/L	N/A			JP2	03/06/26 09:32
QC1206398009 LCS											
Mercury	2.00				1.93	ug/L		96.6	(80%-120%)		03/06/26 09:27
QC1206398008 MB											
Mercury				U	ND	ug/L					03/06/26 09:22
QC1206398011 766376001 MS											
Mercury	2.00	U	ND		1.94	ug/L		97.1	(75%-125%)		03/06/26 09:34
Semi-Volatile-GC/MS											
Batch 2958179											
QC1206400869 LCS											
1,2,4,5-Tetrachlorobenzene	50.0				39.2	ug/L		78	(39%-107%)	BM1	03/11/26 10:03
2,3,4,6-Tetrachlorophenol	50.0				41.8	ug/L		84	(41%-119%)		
2,4,5-Trichlorophenol	50.0				40.7	ug/L		81	(42%-122%)		
2,4,6-Trichlorophenol	50.0				41.7	ug/L		83	(40%-119%)		
2,4-Dichlorophenol	50.0				34.8	ug/L		70	(36%-111%)		
2,4-Dimethylphenol	50.0				18.5	ug/L		37	(31%-68%)		
2,4-Dinitrophenol	50.0			J	39.2	ug/L		78	(30%-120%)		
2,4-Dinitrotoluene	50.0				45.9	ug/L		92	(48%-128%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
2,6-Dinitrotoluene	50.0			45.3	ug/L		91	(47%-124%)	BM1	03/11/26 10:03
2-Chloronaphthalene	50.0			43.7	ug/L		87	(41%-113%)		
2-Chlorophenol	50.0			28.2	ug/L		56	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0		J	40.4	ug/L		81	(32%-131%)		
2-Methylnaphthalene	50.0			46.0	ug/L		92	(42%-116%)		
2-Nitrophenol	50.0			37.5	ug/L		75	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			43.7	ug/L		87	(43%-116%)		
4-Bromophenylphenylether	50.0			48.3	ug/L		97	(49%-125%)		
4-Chloro-3-methylphenol	50.0			33.7	ug/L		67	(35%-113%)		
4-Chloroaniline	50.0			31.4	ug/L		63	(39%-112%)		
4-Chlorophenylphenylether	50.0			49.0	ug/L		98	(48%-124%)		
4-Nitrophenol	50.0		J	24.9	ug/L		50	(25%-69%)		
Acenaphthene	50.0			42.9	ug/L		86	(44%-118%)		
Acenaphthylene	50.0			40.7	ug/L		81	(42%-110%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
Acetophenone	50.0			38.5	ug/L		77	(44%-114%)	BM1	03/11/26 10:03
Anthracene	50.0			43.0	ug/L		86	(49%-121%)		
Atrazine	50.0			41.1	ug/L		82	(49%-147%)		
Benzaldehyde	50.0			22.8	ug/L		46	(27%-111%)		
Benzo(a)anthracene	50.0			45.1	ug/L		90	(46%-121%)		
Benzo(a)pyrene	50.0			43.8	ug/L		88	(41%-120%)		
Benzo(b)fluoranthene	50.0			50.0	ug/L		100	(45%-126%)		
Benzo(ghi)perylene	50.0			46.1	ug/L		92	(44%-129%)		
Benzo(k)fluoranthene	50.0			46.7	ug/L		93	(44%-126%)		
Butylbenzylphthalate	50.0			48.7	ug/L		97	(47%-135%)		
Carbazole	50.0			45.2	ug/L		90	(52%-127%)		
Chrysene	50.0			43.4	ug/L		87	(46%-121%)		
Di-n-butylphthalate	50.0			47.1	ug/L		94	(51%-132%)		
Di-n-octylphthalate	50.0			46.6	ug/L		93	(41%-132%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
Dibenzo(a,h)anthracene	50.0			45.9	ug/L		92	(42%-123%)	BM1	03/11/26 10:03
Dibenzofuran	50.0			44.6	ug/L		89	(48%-118%)		
Diethylphthalate	50.0			45.2	ug/L		90	(51%-131%)		
Dimethylphthalate	50.0			42.9	ug/L		86	(48%-129%)		
Diphenylamine	50.0			45.1	ug/L		90	(49%-122%)		
Fluoranthene	50.0			47.3	ug/L		95	(50%-126%)		
Fluorene	50.0			45.3	ug/L		91	(48%-122%)		
Hexachlorobenzene	50.0			45.7	ug/L		91	(46%-122%)		
Hexachlorobutadiene	50.0			39.1	ug/L		78	(32%-94%)		
Hexachlorocyclopentadiene	50.0			19.7	ug/L		39	(31%-64%)		
Hexachloroethane	50.0			33.3	ug/L		67	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			47.2	ug/L		94	(40%-125%)		
Isophorone	50.0			36.0	ug/L		72	(39%-126%)		
N-Nitrosodipropylamine	50.0			37.8	ug/L		76	(44%-122%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
Naphthalene	50.0			39.2	ug/L		78	(41%-107%)	BM1	03/11/26 10:03
Nitrobenzene	50.0			39.1	ug/L		78	(42%-112%)		
Pentachlorophenol	50.0			52.2	ug/L		104	(36%-124%)		
Phenanthrene	50.0			43.7	ug/L		87	(48%-120%)		
Phenol	50.0			14.1	ug/L		28	(12%-90%)		
Pyrene	50.0			47.3	ug/L		95	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			35.9	ug/L		72	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			40.2	ug/L		80	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			33.7	ug/L		67	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			45.5	ug/L		91	(42%-132%)		
m,p-Cresols	50.0			23.6	ug/L		47	(29%-82%)		
m-Nitroaniline	50.0			38.1	ug/L		76	(44%-119%)		
o-Cresol	50.0			24.3	ug/L		49	(29%-86%)		
o-Nitroaniline	50.0			43.5	ug/L		87	(45%-128%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
p-Nitroaniline	50.0			44.2	ug/L		88	(46%-130%)	BM1	03/11/26 10:03
**2,4,6-Tribromophenol	100			82.9	ug/L		83	(28%-113%)		
**2-Fluorobiphenyl	50.0			39.0	ug/L		78	(32%-102%)		
**2-Fluorophenol	100			32.4	ug/L		32	(15%-72%)		
**Nitrobenzene-d5	50.0			35.7	ug/L		71	(31%-100%)		
**Phenol-d5	100			23.9	ug/L		24	(15%-85%)		
**p-Terphenyl-d14	50.0			31.9	ug/L		64	(20%-118%)		
QC1206400868 MB										
1,1'-Biphenyl			U	ND	ug/L					03/11/26 09:43
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
2,4-Dinitrophenol			U	ND	ug/L				BM1	03/11/26 09:43
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
Acenaphthene			U	ND	ug/L				BM1	03/11/26 09:43
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
Di-n-butylphthalate			U	ND	ug/L				BM1	03/11/26 09:43
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958179										
Isophorone			U	ND	ug/L				BM1	03/11/26 09:43
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
o-Cresol				U	ND	ug/L				BM1	03/11/26 09:43
o-Nitroaniline				U	ND	ug/L					
p-Nitroaniline				U	ND	ug/L					
**2,4,6-Tribromophenol	100				87.4	ug/L		87	(28%-113%)		
**2-Fluorobiphenyl	50.0				38.2	ug/L		76	(32%-102%)		
**2-Fluorophenol	100				35.6	ug/L		36	(15%-72%)		
**Nitrobenzene-d5	50.0				34.9	ug/L		70	(31%-100%)		
**Phenol-d5	100				22.7	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0				39.1	ug/L		78	(20%-118%)		
QC1206400870 766777001 MS											
1,2,4,5-Tetrachlorobenzene	100	U	ND		67.1	ug/L		67	(28%-109%)		03/11/26 10:46
2,3,4,6-Tetrachlorophenol	100	U	ND		86.1	ug/L		86	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		86.6	ug/L		87	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		86.8	ug/L		87	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		77.2	ug/L		77	(30%-117%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
2,4-Dimethylphenol	100	U	ND		43.2	ug/L		43	(21%-75%)	BM1	03/11/26 10:46
2,4-Dinitrophenol	100	U	ND		85.8	ug/L		86	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		88.8	ug/L		89	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		86.9	ug/L		87	(35%-126%)		
2-Chloronaphthalene	100	U	ND		83.3	ug/L		83	(31%-114%)		
2-Chlorophenol	100	U	ND		68.5	ug/L		68	(25%-106%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		86.4	ug/L		86	(25%-131%)		
2-Methylnaphthalene	100	U	ND		85.3	ug/L		85	(32%-117%)		
2-Nitrophenol	100	U	ND		76.9	ug/L		77	(28%-118%)		
3,3'-Dichlorobenzidine	100	U	ND		83.0	ug/L		83	(24%-119%)		
4-Bromophenylphenylether	100	U	ND		89.4	ug/L		89	(36%-126%)		
4-Chloro-3-methylphenol	100	U	ND		82.1	ug/L		82	(32%-122%)		
4-Chloroaniline	100	U	ND		67.9	ug/L		68	(27%-117%)		
4-Chlorophenylphenylether	100	U	ND		88.1	ug/L		88	(35%-126%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
4-Nitrophenol	100	U	ND		69.6	ug/L		70	(9%-95%)	BM1	03/11/26 10:46
Acenaphthene	100	U	ND		78.3	ug/L		78	(33%-118%)		
Acenaphthylene	100	U	ND		74.7	ug/L		75	(30%-112%)		
Acetophenone	100	U	ND		71.9	ug/L		72	(31%-118%)		
Anthracene	100	U	ND		80.4	ug/L		80	(35%-122%)		
Atrazine	100	U	ND		75.8	ug/L		76	(26%-158%)		
Benzaldehyde	100	U	ND		29.7	ug/L		30	(16%-109%)		
Benzo(a)anthracene	100	U	ND		82.6	ug/L		83	(33%-122%)		
Benzo(a)pyrene	100	U	ND		81.9	ug/L		82	(30%-121%)		
Benzo(b)fluoranthene	100	U	ND		97.3	ug/L		97	(33%-128%)		
Benzo(ghi)perylene	100	U	ND		85.4	ug/L		85	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		88.7	ug/L		89	(32%-128%)		
Butylbenzylphthalate	100	U	ND		90.2	ug/L		90	(35%-136%)		
Carbazole	100	U	ND		87.1	ug/L		87	(39%-129%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
Chrysene	100	U	ND		79.6	ug/L		80	(34%-122%)	BM1	03/11/26 10:46
Di-n-butylphthalate	100	U	ND		88.3	ug/L		88	(36%-133%)		
Di-n-octylphthalate	100	U	ND		83.7	ug/L		84	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		84.7	ug/L		85	(30%-124%)		
Dibenzofuran	100	U	ND		81.9	ug/L		82	(36%-120%)		
Diethylphthalate	100	U	ND		85.9	ug/L		86	(37%-133%)		
Dimethylphthalate	100	U	ND		84.8	ug/L		85	(36%-131%)		
Diphenylamine	100	U	ND		87.4	ug/L		87	(33%-124%)		
Fluoranthene	100	U	ND		86.2	ug/L		86	(36%-128%)		
Fluorene	100	U	ND		83.8	ug/L		84	(35%-124%)		
Hexachlorobenzene	100	U	ND		84.6	ug/L		85	(34%-123%)		
Hexachlorobutadiene	100	U	ND		68.9	ug/L		69	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		33.4	ug/L		33	(18%-65%)		
Hexachloroethane	100	U	ND		55.8	ug/L		56	(20%-91%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
Indeno(1,2,3-cd)pyrene	100	U	ND		86.9	ug/L		87	(29%-127%)	BM1	03/11/26 10:46
Isophorone	100	U	ND		67.9	ug/L		68	(27%-128%)		
N-Nitrosodipropylamine	100	U	ND		71.8	ug/L		72	(30%-128%)		
Naphthalene	100	U	ND		72.7	ug/L		73	(30%-109%)		
Nitrobenzene	100	U	ND		74.0	ug/L		74	(30%-117%)		
Pentachlorophenol	100	U	ND		102	ug/L		102	(30%-131%)		
Phenanthrene	100	U	ND		81.6	ug/L		82	(35%-122%)		
Phenol	100	U	ND		42.9	ug/L		43	(16%-74%)		
Pyrene	100	U	ND		84.9	ug/L		85	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		67.6	ug/L		68	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		75.3	ug/L		75	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		63.4	ug/L		63	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		84.0	ug/L		84	(29%-135%)		
m,p-Cresols	100	U	ND		65.9	ug/L		66	(21%-105%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
m-Nitroaniline	100	U	ND		82.1	ug/L		82	(29%-127%)	BM1	03/11/26 10:46
o-Cresol	100	U	ND		65.1	ug/L		65	(23%-104%)		
o-Nitroaniline	100	U	ND		84.8	ug/L		85	(32%-130%)		
p-Nitroaniline	100	U	ND		92.0	ug/L		92	(33%-134%)		
**2,4,6-Tribromophenol	200		75.8		165	ug/L		83	(28%-113%)		
**2-Fluorobiphenyl	100		31.0		69.6	ug/L		70	(32%-102%)		
**2-Fluorophenol	200		26.5		89.9	ug/L		45	(15%-72%)		
**Nitrobenzene-d5	100		27.8		65.2	ug/L		65	(31%-100%)		
**Phenol-d5	200		17.4		73.7	ug/L		37	(15%-85%)		
**p-Terphenyl-d14	100		29.8		73.7	ug/L		74	(20%-118%)		
QC1206400871 766777001 MSD											
1,2,4,5-Tetrachlorobenzene	100	U	ND		80.3	ug/L	18	80	(0%-30%)		03/11/26 11:09
2,3,4,6-Tetrachlorophenol	100	U	ND		96.6	ug/L	11	97	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		101	ug/L	15	101	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		102	ug/L	16	102	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
2,4-Dichlorophenol	100	U	ND		88.4	ug/L	14	88	(0%-30%)	BM1	03/11/26 11:09
2,4-Dimethylphenol	100	U	ND		50.7	ug/L	16	51	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		99.1	ug/L	14	99	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		100	ug/L	12	100	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		98.8	ug/L	13	99	(0%-30%)		
2-Chloronaphthalene	100	U	ND		98.1	ug/L	16	98	(0%-30%)		
2-Chlorophenol	100	U	ND		81.1	ug/L	17	81	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		98.5	ug/L	13	99	(0%-30%)		
2-Methylnaphthalene	100	U	ND		96.8	ug/L	13	97	(0%-30%)		
2-Nitrophenol	100	U	ND		91.2	ug/L	17	91	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		91.8	ug/L	10	92	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		99.8	ug/L	11	100	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		93.2	ug/L	13	93	(0%-30%)		
4-Chloroaniline	100	U	ND		75.4	ug/L	11	75	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2958179												
4-Chlorophenylphenylether	100	U	ND		101	ug/L	14		101	(0%-30%)	BM1	03/11/26 11:09
4-Nitrophenol	100	U	ND		78.5	ug/L	12		78	(0%-30%)		
Acenaphthene	100	U	ND		89.8	ug/L	14		90	(0%-30%)		
Acenaphthylene	100	U	ND		84.8	ug/L	13		85	(0%-30%)		
Acetophenone	100	U	ND		84.9	ug/L	17		85	(0%-30%)		
Anthracene	100	U	ND		90.4	ug/L	12		90	(0%-30%)		
Atrazine	100	U	ND		88.3	ug/L	15		88	(0%-30%)		
Benzaldehyde	100	U	ND		66.7	ug/L	77	*	67	(0%-30%)		
Benzo(a)anthracene	100	U	ND		93.0	ug/L	12		93	(0%-30%)		
Benzo(a)pyrene	100	U	ND		94.1	ug/L	14		94	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		98.1	ug/L	1		98	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		92.1	ug/L	8		92	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		91.0	ug/L	3		91	(0%-30%)		
Butylbenzylphthalate	100	U	ND		103	ug/L	14		103	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
Carbazole	100	U	ND		97.0	ug/L	11	97	(0%-30%)	BM1	03/11/26 11:09
Chrysene	100	U	ND		90.5	ug/L	13	91	(0%-30%)		
Di-n-butylphthalate	100	U	ND		98.5	ug/L	11	99	(0%-30%)		
Di-n-octylphthalate	100	U	ND		97.5	ug/L	15	98	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		90.1	ug/L	6	90	(0%-30%)		
Dibenzofuran	100	U	ND		93.7	ug/L	13	94	(0%-30%)		
Diethylphthalate	100	U	ND		97.3	ug/L	13	97	(0%-30%)		
Dimethylphthalate	100	U	ND		96.0	ug/L	12	96	(0%-30%)		
Diphenylamine	100	U	ND		96.8	ug/L	10	97	(0%-30%)		
Fluoranthene	100	U	ND		97.3	ug/L	12	97	(0%-30%)		
Fluorene	100	U	ND		93.5	ug/L	11	94	(0%-30%)		
Hexachlorobenzene	100	U	ND		95.0	ug/L	12	95	(0%-30%)		
Hexachlorobutadiene	100	U	ND		81.6	ug/L	17	82	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		40.9	ug/L	20	41	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
Hexachloroethane	100	U	ND		70.6	ug/L	23	71	(0%-30%)	BM1	03/11/26 11:09
Indeno(1,2,3-cd)pyrene	100	U	ND		93.8	ug/L	8	94	(0%-30%)		
Isophorone	100	U	ND		80.4	ug/L	17	80	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		84.8	ug/L	17	85	(0%-30%)		
Naphthalene	100	U	ND		84.7	ug/L	15	85	(0%-30%)		
Nitrobenzene	100	U	ND		85.4	ug/L	14	85	(0%-30%)		
Pentachlorophenol	100	U	ND		116	ug/L	12	116	(0%-30%)		
Phenanthrene	100	U	ND		91.1	ug/L	11	91	(0%-30%)		
Phenol	100	U	ND		52.2	ug/L	20	52	(0%-30%)		
Pyrene	100	U	ND		96.3	ug/L	13	96	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		81.7	ug/L	19	82	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		88.7	ug/L	16	89	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		76.2	ug/L	18	76	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		95.8	ug/L	13	96	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958179											
m,p-Cresols	100	U	ND		77.3	ug/L	16	77	(0%-30%)	BM1	03/11/26 11:09
m-Nitroaniline	100	U	ND		91.1	ug/L	10	91	(0%-30%)		
o-Cresol	100	U	ND		75.2	ug/L	14	75	(0%-30%)		
o-Nitroaniline	100	U	ND		100	ug/L	17	100	(0%-30%)		
p-Nitroaniline	100	U	ND		102	ug/L	10	102	(0%-30%)		
**2,4,6-Tribromophenol	200		75.8		186	ug/L		93	(28%-113%)		
**2-Fluorobiphenyl	100		31.0		81.6	ug/L		82	(32%-102%)		
**2-Fluorophenol	200		26.5		111	ug/L		55	(15%-72%)		
**Nitrobenzene-d5	100		27.8		77.1	ug/L		77	(31%-100%)		
**Phenol-d5	200		17.4		90.2	ug/L		45	(15%-85%)		
**p-Terphenyl-d14	100		29.8		77.1	ug/L		77	(20%-118%)		
Batch 2960812											
QC1206406105 LCS											
1,1'-Biphenyl	50.0				33.0	ug/L		66	(45%-114%)	LL2	03/16/26 13:11
1,2,4,5-Tetrachlorobenzene	50.0				29.0	ug/L		58	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0				36.2	ug/L		72	(41%-119%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
2,4,5-Trichlorophenol	50.0			33.3	ug/L		67	(42%-122%)	LL2	03/16/26 13:11
2,4,6-Trichlorophenol	50.0			34.2	ug/L		68	(40%-119%)		
2,4-Dichlorophenol	50.0			29.1	ug/L		58	(36%-111%)		
2,4-Dimethylphenol	50.0			18.5	ug/L		37	(31%-68%)		
2,4-Dinitrophenol	50.0			29.0	ug/L		58	(30%-120%)		
2,4-Dinitrotoluene	50.0			40.6	ug/L		81	(48%-128%)		
2,6-Dinitrotoluene	50.0			39.2	ug/L		78	(47%-124%)		
2-Chloronaphthalene	50.0			34.9	ug/L		70	(41%-113%)		
2-Chlorophenol	50.0			24.2	ug/L		48	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			37.1	ug/L		74	(32%-131%)		
2-Methylnaphthalene	50.0			38.4	ug/L		77	(42%-116%)		
2-Nitrophenol	50.0			28.5	ug/L		57	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			35.6	ug/L		71	(43%-116%)		
4-Bromophenylphenylether	50.0			38.1	ug/L		76	(49%-125%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
4-Chloro-3-methylphenol	50.0			30.4	ug/L		61	(35%-113%)	LL2	03/16/26 13:11
4-Chloroaniline	50.0			30.9	ug/L		62	(39%-112%)		
4-Chlorophenylphenylether	50.0			39.5	ug/L		79	(48%-124%)		
4-Nitrophenol	50.0			10.3	ug/L		21*	(25%-69%)		
Acenaphthene	50.0			36.0	ug/L		72	(44%-118%)		
Acenaphthylene	50.0			34.2	ug/L		68	(42%-110%)		
Acetophenone	50.0			34.6	ug/L		69	(44%-114%)		
Anthracene	50.0			40.7	ug/L		81	(49%-121%)		
Atrazine	50.0			39.1	ug/L		78	(49%-147%)		
Benzaldehyde	50.0			29.7	ug/L		59	(27%-111%)		
Benzo(a)anthracene	50.0			36.7	ug/L		73	(46%-121%)		
Benzo(a)pyrene	50.0			35.2	ug/L		70	(41%-120%)		
Benzo(b)fluoranthene	50.0			37.9	ug/L		76	(45%-126%)		
Benzo(ghi)perylene	50.0			39.5	ug/L		79	(44%-129%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Benzo(k)fluoranthene	50.0			37.5	ug/L		75	(44%-126%)	LL2	03/16/26 13:11
Butylbenzylphthalate	50.0			40.1	ug/L		80	(47%-135%)		
Carbazole	50.0			43.1	ug/L		86	(52%-127%)		
Chrysene	50.0			36.8	ug/L		74	(46%-121%)		
Di-n-butylphthalate	50.0			43.4	ug/L		87	(51%-132%)		
Di-n-octylphthalate	50.0			35.0	ug/L		70	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			36.4	ug/L		73	(42%-123%)		
Dibenzofuran	50.0			38.5	ug/L		77	(48%-118%)		
Diethylphthalate	50.0			40.8	ug/L		82	(51%-131%)		
Dimethylphthalate	50.0			38.6	ug/L		77	(48%-129%)		
Diphenylamine	50.0			40.2	ug/L		80	(49%-122%)		
Fluoranthene	50.0			42.6	ug/L		85	(50%-126%)		
Fluorene	50.0			39.2	ug/L		78	(48%-122%)		
Hexachlorobenzene	50.0			37.9	ug/L		76	(46%-122%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Hexachlorobutadiene	50.0			27.0	ug/L		54	(32%-94%)	LL2	03/16/26 13:11
Hexachlorocyclopentadiene	50.0			12.4	ug/L		25*	(31%-64%)		
Hexachloroethane	50.0			28.5	ug/L		57	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			36.2	ug/L		72	(40%-125%)		
Isophorone	50.0			37.0	ug/L		74	(39%-126%)		
N-Nitrosodipropylamine	50.0			38.0	ug/L		76	(44%-122%)		
Naphthalene	50.0			35.3	ug/L		71	(41%-107%)		
Nitrobenzene	50.0			33.6	ug/L		67	(42%-112%)		
Pentachlorophenol	50.0			41.6	ug/L		83	(36%-124%)		
Phenanthrene	50.0			39.3	ug/L		79	(48%-120%)		
Phenol	50.0			12.4	ug/L		25	(12%-90%)		
Pyrene	50.0			42.7	ug/L		85	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			38.5	ug/L		77	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			37.0	ug/L		74	(43%-115%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
bis(2-Chloroethyl) ether	50.0			34.4	ug/L		69	(40%-111%)	LL2	03/16/26 13:11
bis(2-Ethylhexyl)phthalate	50.0			35.7	ug/L		71	(42%-132%)		
m,p-Cresols	50.0			21.9	ug/L		44	(29%-82%)		
m-Nitroaniline	50.0			32.5	ug/L		65	(44%-119%)		
o-Cresol	50.0			21.8	ug/L		44	(29%-86%)		
o-Nitroaniline	50.0			36.4	ug/L		73	(45%-128%)		
p-Nitroaniline	50.0			33.6	ug/L		67	(46%-130%)		
**2,4,6-Tribromophenol	100			68.9	ug/L		69	(28%-113%)		
**2-Fluorobiphenyl	50.0			33.8	ug/L		68	(32%-102%)		
**2-Fluorophenol	100			26.4	ug/L		26	(15%-72%)		
**Nitrobenzene-d5	50.0			29.5	ug/L		59	(31%-100%)		
**Phenol-d5	100			22.1	ug/L		22	(15%-85%)		
**p-Terphenyl-d14	50.0			29.5	ug/L		59	(20%-118%)		
QC1206406104 MB										
1,1'-Biphenyl			U	ND	ug/L					03/16/26 12:47

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L				LL2	03/16/26 12:47
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
3,3'-Dichlorobenzidine			U	ND	ug/L				LL2	03/16/26 12:47
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Benzo(b)fluoranthene			U	ND	ug/L				LL2	03/16/26 12:47
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Fluorene			U	ND	ug/L				LL2	03/16/26 12:47
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L				LL2	03/16/26 12:47
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			56.9	ug/L		57	(28%-113%)		
**2-Fluorobiphenyl	50.0			31.0	ug/L		62	(32%-102%)		
**2-Fluorophenol	100			27.1	ug/L		27	(15%-72%)		
**Nitrobenzene-d5	50.0			24.7	ug/L		49	(31%-100%)		
**Phenol-d5	100			19.9	ug/L		20	(15%-85%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
**p-Terphenyl-d14	50.0				29.2	ug/L		58	(20%-118%)	LL2	03/16/26 12:47
QC1206406106 768118002 MS											
1,1'-Biphenyl	116	U	ND		97.7	ug/L		84	(30%-119%)		03/16/26 15:33
1,2,4,5-Tetrachlorobenzene	116	U	ND		86.8	ug/L		75	(28%-109%)		
2,3,4,6-Tetrachlorophenol	116	U	ND		114	ug/L		98	(31%-125%)		
2,4,5-Trichlorophenol	116	U	ND		112	ug/L		97	(32%-128%)		
2,4,6-Trichlorophenol	116	U	ND		113	ug/L		97	(32%-122%)		
2,4-Dichlorophenol	116	U	ND		110	ug/L		94	(30%-117%)		
2,4-Dimethylphenol	116	U	ND		71.2	ug/L		61	(21%-75%)		
2,4-Dinitrophenol	116	U	ND		101	ug/L		86	(24%-128%)		
2,4-Dinitrotoluene	116	U	ND		114	ug/L		98	(36%-129%)		
2,6-Dinitrotoluene	116	U	ND		113	ug/L		97	(35%-126%)		
2-Chloronaphthalene	116	U	ND		103	ug/L		88	(31%-114%)		
2-Chlorophenol	116	U	ND		97.9	ug/L		84	(25%-106%)		
2-Methyl-4,6-dinitrophenol	116	U	ND		111	ug/L		96	(25%-131%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2960812												
2-Methylnaphthalene	116	U	ND		111	ug/L		96	(32%-117%)	LL2	03/16/26	15:33
2-Nitrophenol	116	U	ND		106	ug/L		91	(28%-118%)			
3,3'-Dichlorobenzidine	116	U	ND		99.1	ug/L		85	(24%-119%)			
4-Bromophenylphenylether	116	U	ND		106	ug/L		91	(36%-126%)			
4-Chloro-3-methylphenol	116	U	ND		110	ug/L		95	(32%-122%)			
4-Chloroaniline	116	U	ND		99.2	ug/L		85	(27%-117%)			
4-Chlorophenylphenylether	116	U	ND		112	ug/L		96	(35%-126%)			
4-Nitrophenol	116	U	ND		56.5	ug/L		49	(9%-95%)			
Acenaphthene	116	U	ND		105	ug/L		90	(33%-118%)			
Acenaphthylene	116	U	ND		102	ug/L		88	(30%-112%)			
Acetophenone	116	U	ND		104	ug/L		89	(31%-118%)			
Anthracene	116	U	ND		110	ug/L		95	(35%-122%)			
Atrazine	116	U	ND		109	ug/L		94	(26%-158%)			
Benzaldehyde	116	U	ND		90.7	ug/L		78	(16%-109%)			

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
Benzo(a)anthracene	116	U	ND		103	ug/L		89	(33%-122%)	LL2	03/16/26 15:33
Benzo(a)pyrene	116	U	ND		102	ug/L		88	(30%-121%)		
Benzo(b)fluoranthene	116	U	ND		110	ug/L		94	(33%-128%)		
Benzo(ghi)perylene	116	U	ND		115	ug/L		99	(31%-131%)		
Benzo(k)fluoranthene	116	U	ND		106	ug/L		91	(32%-128%)		
Butylbenzylphthalate	116	U	ND		116	ug/L		100	(35%-136%)		
Carbazole	116	U	ND		118	ug/L		101	(39%-129%)		
Chrysene	116	U	ND		103	ug/L		89	(34%-122%)		
Di-n-butylphthalate	116	U	ND		119	ug/L		103	(36%-133%)		
Di-n-octylphthalate	116	U	ND		114	ug/L		98	(29%-136%)		
Dibenzo(a,h)anthracene	116	U	ND		111	ug/L		96	(30%-124%)		
Dibenzofuran	116	U	ND		111	ug/L		95	(36%-120%)		
Diethylphthalate	116	U	ND		114	ug/L		98	(37%-133%)		
Dimethylphthalate	116	U	ND		111	ug/L		96	(36%-131%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
Diphenylamine	116	U	ND		111	ug/L		95	(33%-124%)	LL2	03/16/26 15:33
Fluoranthene	116	U	ND		116	ug/L		99	(36%-128%)		
Fluorene	116	U	ND		111	ug/L		95	(35%-124%)		
Hexachlorobenzene	116	U	ND		107	ug/L		92	(34%-123%)		
Hexachlorobutadiene	116	U	ND		81.9	ug/L		70	(22%-97%)		
Hexachlorocyclopentadiene	116	U	ND		38.7	ug/L		33	(18%-65%)		
Hexachloroethane	116	U	ND		81.4	ug/L		70	(20%-91%)		
Indeno(1,2,3-cd)pyrene	116	U	ND		108	ug/L		93	(29%-127%)		
Isophorone	116	U	ND		112	ug/L		96	(27%-128%)		
N-Nitrosodipropylamine	116	U	ND		115	ug/L		99	(30%-128%)		
Naphthalene	116	U	ND		104	ug/L		90	(30%-109%)		
Nitrobenzene	116	U	ND		105	ug/L		90	(30%-117%)		
Pentachlorophenol	116	U	ND		130	ug/L		112	(30%-131%)		
Phenanthrene	116	U	ND		108	ug/L		93	(35%-122%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
Phenol	116	U	ND		66.9	ug/L		58	(16%-74%)	LL2	03/16/26 15:33
Pyrene	116	U	ND		114	ug/L		98	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	116	U	ND		116	ug/L		99	(19%-144%)		
bis(2-Chloroethoxy)methane	116	U	ND		112	ug/L		97	(31%-117%)		
bis(2-Chloroethyl) ether	116	U	ND		106	ug/L		91	(29%-113%)		
bis(2-Ethylhexyl)phthalate	116	U	ND		110	ug/L		95	(29%-135%)		
m,p-Cresols	116	U	ND		99.4	ug/L		85	(21%-105%)		
m-Nitroaniline	116	U	ND		106	ug/L		91	(29%-127%)		
o-Cresol	116	U	ND		99.0	ug/L		85	(23%-104%)		
o-Nitroaniline	116	U	ND		106	ug/L		92	(32%-130%)		
p-Nitroaniline	116	U	ND		101	ug/L		87	(33%-134%)		
**2,4,6-Tribromophenol	233		53.8		213	ug/L		91	(28%-113%)		
**2-Fluorobiphenyl	116		24.4		96.2	ug/L		83	(32%-102%)		
**2-Fluorophenol	233		22.6		131	ug/L		56	(15%-72%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
**Nitrobenzene-d5	116		22.5		91.4	ug/L			79	(31%-100%)	LL2	03/16/26 15:33
**Phenol-d5	233		17.3		121	ug/L			52	(15%-85%)		
**p-Terphenyl-d14	116		18.8		89.5	ug/L			77	(20%-118%)		
QC1206406107 768118002 MSD												
1,1'-Biphenyl	116	U	ND		73.2	ug/L	29		63	(0%-30%)		03/16/26 15:57
1,2,4,5-Tetrachlorobenzene	116	U	ND		62.4	ug/L	33	*	54	(0%-30%)		
2,3,4,6-Tetrachlorophenol	116	U	ND		75.5	ug/L	40	*	65	(0%-30%)		
2,4,5-Trichlorophenol	116	U	ND		70.8	ug/L	45	*	61	(0%-30%)		
2,4,6-Trichlorophenol	116	U	ND		73.7	ug/L	42	*	63	(0%-30%)		
2,4-Dichlorophenol	116	U	ND		65.7	ug/L	50	*	56	(0%-30%)		
2,4-Dimethylphenol	116	U	ND		41.0	ug/L	54	*	35	(0%-30%)		
2,4-Dinitrophenol	116	U	ND		63.5	ug/L	45	*	55	(0%-30%)		
2,4-Dinitrotoluene	116	U	ND		90.1	ug/L	23		78	(0%-30%)		
2,6-Dinitrotoluene	116	U	ND		89.0	ug/L	23		77	(0%-30%)		
2-Chloronaphthalene	116	U	ND		75.6	ug/L	31	*	65	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
2-Chlorophenol	116	U	ND		50.8	ug/L	63	*	44	(0%-30%)	LL2	03/16/26 15:57
2-Methyl-4,6-dinitrophenol	116	U	ND		74.0	ug/L	40	*	64	(0%-30%)		
2-Methylnaphthalene	116	U	ND		84.4	ug/L	27		73	(0%-30%)		
2-Nitrophenol	116	U	ND		65.3	ug/L	47	*	56	(0%-30%)		
3,3'-Dichlorobenzidine	116	U	ND		74.0	ug/L	29		64	(0%-30%)		
4-Bromophenylphenylether	116	U	ND		81.4	ug/L	26		70	(0%-30%)		
4-Chloro-3-methylphenol	116	U	ND		63.7	ug/L	53	*	55	(0%-30%)		
4-Chloroaniline	116	U	ND		80.3	ug/L	21		69	(0%-30%)		
4-Chlorophenylphenylether	116	U	ND		85.4	ug/L	27		73	(0%-30%)		
4-Nitrophenol	116	U	ND		26.3	ug/L	73	*	23	(0%-30%)		
Acenaphthene	116	U	ND		79.1	ug/L	28		68	(0%-30%)		
Acenaphthylene	116	U	ND		77.5	ug/L	27		67	(0%-30%)		
Acetophenone	116	U	ND		78.6	ug/L	28		68	(0%-30%)		
Anthracene	116	U	ND		84.9	ug/L	26		73	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
Atrazine	116	U	ND		88.1	ug/L	22		76	(0%-30%)	LL2	03/16/26 15:57
Benzaldehyde	116	U	ND		67.9	ug/L	29		58	(0%-30%)		
Benzo(a)anthracene	116	U	ND		75.4	ug/L	31	*	65	(0%-30%)		
Benzo(a)pyrene	116	U	ND		71.5	ug/L	35	*	61	(0%-30%)		
Benzo(b)fluoranthene	116	U	ND		78.8	ug/L	33	*	68	(0%-30%)		
Benzo(ghi)perylene	116	U	ND		82.3	ug/L	33	*	71	(0%-30%)		
Benzo(k)fluoranthene	116	U	ND		78.1	ug/L	30		67	(0%-30%)		
Butylbenzylphthalate	116	U	ND		86.7	ug/L	29		75	(0%-30%)		
Carbazole	116	U	ND		93.9	ug/L	23		81	(0%-30%)		
Chrysene	116	U	ND		75.7	ug/L	31	*	65	(0%-30%)		
Di-n-butylphthalate	116	U	ND		89.4	ug/L	29		77	(0%-30%)		
Di-n-octylphthalate	116	U	ND		79.0	ug/L	37	*	68	(0%-30%)		
Dibenzo(a,h)anthracene	116	U	ND		79.1	ug/L	34	*	68	(0%-30%)		
Dibenzofuran	116	U	ND		85.4	ug/L	26		73	(0%-30%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2960812													
Diethylphthalate	116	U	ND		87.6	ug/L	26		75	(0%-30%)	LL2	03/16/26	15:57
Dimethylphthalate	116	U	ND		81.3	ug/L	31	*	70	(0%-30%)			
Diphenylamine	116	U	ND		86.1	ug/L	25		74	(0%-30%)			
Fluoranthene	116	U	ND		87.2	ug/L	28		75	(0%-30%)			
Fluorene	116	U	ND		86.3	ug/L	25		74	(0%-30%)			
Hexachlorobenzene	116	U	ND		77.5	ug/L	32	*	67	(0%-30%)			
Hexachlorobutadiene	116	U	ND		54.4	ug/L	40	*	47	(0%-30%)			
Hexachlorocyclopentadiene	116	U	ND		23.8	ug/L	48	*	20	(0%-30%)			
Hexachloroethane	116	U	ND		57.7	ug/L	34	*	50	(0%-30%)			
Indeno(1,2,3-cd)pyrene	116	U	ND		76.3	ug/L	34	*	66	(0%-30%)			
Isophorone	116	U	ND		86.3	ug/L	26		74	(0%-30%)			
N-Nitrosodipropylamine	116	U	ND		87.1	ug/L	27		75	(0%-30%)			
Naphthalene	116	U	ND		79.6	ug/L	27		68	(0%-30%)			
Nitrobenzene	116	U	ND		81.2	ug/L	26		70	(0%-30%)			

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
Pentachlorophenol	116	U	ND		84.0	ug/L	43	*	72	(0%-30%)	LL2	03/16/26 15:57
Phenanthrene	116	U	ND		82.7	ug/L	26		71	(0%-30%)		
Phenol	116	U	ND		33.3	ug/L	67	*	29	(0%-30%)		
Pyrene	116	U	ND		85.3	ug/L	29		73	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	116	U	ND		85.9	ug/L	30		74	(0%-30%)		
bis(2-Chloroethoxy)methane	116	U	ND		87.0	ug/L	25		75	(0%-30%)		
bis(2-Chloroethyl) ether	116	U	ND		80.7	ug/L	27		69	(0%-30%)		
bis(2-Ethylhexyl)phthalate	116	U	ND		78.1	ug/L	34	*	67	(0%-30%)		
m,p-Cresols	116	U	ND		48.7	ug/L	68	*	42	(0%-30%)		
m-Nitroaniline	116	U	ND		81.5	ug/L	26		70	(0%-30%)		
o-Cresol	116	U	ND		48.3	ug/L	69	*	42	(0%-30%)		
o-Nitroaniline	116	U	ND		82.5	ug/L	25		71	(0%-30%)		
p-Nitroaniline	116	U	ND		69.5	ug/L	37	*	60	(0%-30%)		
**2,4,6-Tribromophenol	233		53.8		141	ug/L			61	(28%-113%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
**2-Fluorobiphenyl	116		24.4		72.0	ug/L			62	(32%-102%)	LL2	03/16/26 15:57
**2-Fluorophenol	233		22.6		60.4	ug/L			26	(15%-72%)		
**Nitrobenzene-d5	116		22.5		69.7	ug/L			60	(31%-100%)		
**Phenol-d5	233		17.3		61.6	ug/L			26	(15%-85%)		
**p-Terphenyl-d14	116		18.8		53.0	ug/L			46	(20%-118%)		
Spectrometric Analysis												
Batch 2956440												
QC1206397703 766749002 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A				BR2	03/05/26 09:47
QC1206397705 766749014 DUP												
Hexavalent Chromium		J	0.00475	J	0.00586	mg/L	20.9	^		(+/-0.0100)		03/05/26 09:47
QC1206397702 LCS												
Hexavalent Chromium	0.0500				0.0502	mg/L			100	(85%-115%)		03/05/26 09:47
QC1206397701 MB												
Hexavalent Chromium				U	ND	mg/L						03/05/26 09:47
QC1206397704 766749002 MS												
Hexavalent Chromium	0.0500	U	ND		0.0513	mg/L			99.7	(85%-115%)		03/05/26 09:47
QC1206397706 766749014 MS												
Hexavalent Chromium	0.0500	J	0.00475		0.0535	mg/L			97.5	(85%-115%)		03/05/26 09:47

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
QC1206408775 LCS										
1,1,1-Trichloroethane	50.0			54.8	ug/L		110	(70%-130%)	PW3	03/16/26 09:19
1,1,2,2-Tetrachloroethane	50.0			45.7	ug/L		91	(70%-130%)		
1,1,2-Trichloroethane	50.0			47.0	ug/L		94	(70%-130%)		
1,1-Dichloroethane	50.0			49.8	ug/L		100	(70%-130%)		
1,1-Dichloroethylene	50.0			64.0	ug/L		128	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			47.5	ug/L		95	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			50.1	ug/L		100	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			51.2	ug/L		102	(70%-130%)		
1,2-Dibromoethane	50.0			49.9	ug/L		100	(70%-130%)		
1,2-Dichlorobenzene	50.0			47.1	ug/L		94	(70%-130%)		
1,2-Dichloroethane	50.0			48.5	ug/L		97	(70%-130%)		
1,2-Dichloropropane	50.0			47.0	ug/L		94	(70%-130%)		
1,3-Dichlorobenzene	50.0			47.7	ug/L		95	(70%-130%)		
1,4-Dichlorobenzene	50.0			47.5	ug/L		95	(70%-130%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
2-Butanone	250			231	ug/L		92	(70%-130%)	PW3	03/16/26 09:19
2-Hexanone	250			223	ug/L		89	(70%-130%)		
4-Methyl-2-pentanone	250			235	ug/L		94	(70%-130%)		
Acetone	250			235	ug/L		94	(70%-130%)		
Benzene	50.0			47.6	ug/L		95	(70%-130%)		
Bromochloromethane	50.0			49.2	ug/L		98	(70%-130%)		
Bromodichloromethane	50.0			50.7	ug/L		101	(70%-130%)		
Bromoform	50.0			51.4	ug/L		103	(70%-130%)		
Bromomethane	50.0			60.0	ug/L		120	(70%-130%)		
Carbon disulfide	250			301	ug/L		120	(70%-130%)		
Carbon tetrachloride	50.0			56.4	ug/L		113	(70%-130%)		
Chlorobenzene	50.0			48.1	ug/L		96	(70%-130%)		
Chloroethane	50.0			44.8	ug/L		90	(70%-130%)		
Chloroform	50.0			49.7	ug/L		99	(70%-130%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
Chloromethane	50.0			36.3	ug/L		73	(70%-130%)	PW3	03/16/26 09:19
Cyclohexane	50.0			50.5	ug/L		101	(70%-130%)		
Dibromochloromethane	50.0			52.3	ug/L		105	(70%-130%)		
Dichlorodifluoromethane	50.0			64.8	ug/L		130	(70%-130%)		
Ethylbenzene	50.0			48.7	ug/L		97	(70%-130%)		
Isopropylbenzene	50.0			49.6	ug/L		99	(70%-130%)		
Methyl acetate	250			239	ug/L		95	(70%-130%)		
Methylcyclohexane	50.0			49.8	ug/L		100	(70%-130%)		
Methylene chloride	50.0			48.4	ug/L		97	(70%-130%)		
Styrene	50.0			47.8	ug/L		96	(70%-130%)		
Tetrachloroethylene	50.0			50.6	ug/L		101	(70%-130%)		
Toluene	50.0			47.3	ug/L		95	(70%-130%)		
Trichloroethylene	50.0			50.7	ug/L		101	(70%-130%)		
Trichlorofluoromethane	50.0			55.7	ug/L		111	(70%-130%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
Vinyl chloride	50.0			56.1	ug/L		112	(70%-130%)	PW3	03/16/26 09:19
cis-1,2-Dichloroethylene	50.0			48.9	ug/L		98	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			51.0	ug/L		102	(70%-130%)		
m,p-Xylenes	100			97.6	ug/L		98	(70%-130%)		
o-Xylene	50.0			47.8	ug/L		96	(70%-130%)		
tert-Butyl methyl ether	50.0			51.5	ug/L		103	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			53.8	ug/L		108	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			49.3	ug/L		99	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			50.3	ug/L		101	(71%-131%)		
**Bromofluorobenzene	50.0			48.0	ug/L		96	(77%-123%)		
**Toluene-d8	50.0			50.1	ug/L		100	(77%-121%)		
QC1206408776 LCS										
1,4-Dioxane	2500			2380	ug/L		95	(70%-130%)		03/16/26 10:09
Trichlorotrifluoroethane	250			288	ug/L		115	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			50.9	ug/L		102	(71%-131%)		

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
**Bromofluorobenzene	50.0			47.4	ug/L		95	(77%-123%)	PW3	03/16/26 10:09
**Toluene-d8	50.0			50.3	ug/L		101	(77%-121%)		
QC1206408777 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/16/26 11:25
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
1,3-Dichlorobenzene			U	ND	ug/L				PW3	03/16/26 11:25
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
Chlorobenzene			U	ND	ug/L				PW3	03/16/26 11:25
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					

QC Summary

Workorder: **766749**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962178										
Toluene			U	ND	ug/L				PW3	03/16/26 11:25
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			51.6	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0			48.2	ug/L		96	(77%-123%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
**Toluene-d8	50.0				49.6	ug/L		99	(77%-121%)	PW3	03/16/26 11:25
QC1206408778 766749002 MS											
1,1,1-Trichloroethane	50.0	U	ND		52.2	ug/L		104	(60%-123%)		03/16/26 15:28
1,1,2,2-Tetrachloroethane	50.0	U	ND		46.4	ug/L		93	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		48.2	ug/L		96	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		49.7	ug/L		99	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		60.4	ug/L		121	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		49.0	ug/L		98	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		50.2	ug/L		100	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		49.3	ug/L		99	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		50.3	ug/L		101	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		48.0	ug/L		96	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		51.0	ug/L		102	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		47.2	ug/L		94	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		47.4	ug/L		95	(56%-122%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
1,4-Dichlorobenzene	50.0	U	ND		47.4	ug/L		95	(54%-123%)	PW3	03/16/26 15:28
2-Butanone	250	U	ND		231	ug/L		93	(59%-136%)		
2-Hexanone	250	U	ND		225	ug/L		90	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		234	ug/L		94	(63%-135%)		
Acetone	250	U	ND		227	ug/L		91	(50%-140%)		
Benzene	50.0	U	ND		46.7	ug/L		93	(64%-119%)		
Bromochloromethane	50.0	U	ND		50.1	ug/L		100	(63%-130%)		
Bromodichloromethane	50.0	U	ND		51.1	ug/L		102	(65%-125%)		
Bromoform	50.0	U	ND		50.0	ug/L		100	(49%-129%)		
Bromomethane	50.0	U	ND		57.6	ug/L		115	(55%-154%)		
Carbon disulfide	250	U	ND		284	ug/L		113	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		54.2	ug/L		108	(60%-127%)		
Chlorobenzene	50.0	U	ND		47.2	ug/L		94	(61%-120%)		
Chloroethane	50.0	U	ND		52.3	ug/L		105	(60%-138%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
Chloroform	50.0	U	ND		50.0	ug/L		100	(64%-122%)	PW3	03/16/26 15:28
Chloromethane	50.0	U	ND		67.5	ug/L		135	(43%-161%)		
Cyclohexane	50.0	U	ND		47.3	ug/L		95	(51%-125%)		
Dibromochloromethane	50.0	U	ND		51.7	ug/L		103	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		59.8	ug/L		120	(37%-162%)		
Ethylbenzene	50.0	U	ND		47.2	ug/L		94	(57%-122%)		
Isopropylbenzene	50.0	U	ND		48.9	ug/L		98	(53%-128%)		
Methyl acetate	250	U	ND		237	ug/L		95	(58%-145%)		
Methylcyclohexane	50.0	U	ND		47.5	ug/L		95	(58%-122%)		
Methylene chloride	50.0	U	ND		52.0	ug/L		104	(61%-135%)		
Styrene	50.0	U	ND		46.8	ug/L		94	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		48.6	ug/L		97	(53%-124%)		
Toluene	50.0	U	ND		46.7	ug/L		93	(60%-120%)		
Trichloroethylene	50.0	U	ND		49.9	ug/L		100	(59%-126%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2962178												
Trichlorofluoromethane	50.0	U	ND		57.6	ug/L		115	(51%-134%)	PW3	03/16/26	15:28
Vinyl chloride	50.0	U	ND		51.6	ug/L		103	(42%-155%)			
cis-1,2-Dichloroethylene	50.0	U	ND		49.4	ug/L		99	(65%-124%)			
cis-1,3-Dichloropropylene	50.0	U	ND		50.3	ug/L		101	(61%-123%)			
m,p-Xylenes	100	U	ND		95.1	ug/L		95	(58%-122%)			
o-Xylene	50.0	U	ND		47.2	ug/L		94	(59%-123%)			
tert-Butyl methyl ether	50.0	U	ND		49.3	ug/L		99	(60%-124%)			
trans-1,2-Dichloroethylene	50.0	U	ND		52.4	ug/L		105	(64%-127%)			
trans-1,3-Dichloropropylene	50.0	U	ND		49.6	ug/L		99	(62%-127%)			
**1,2-Dichloroethane-d4	50.0		52.3		52.2	ug/L		104	(71%-131%)			
**Bromofluorobenzene	50.0		48.2		49.4	ug/L		99	(77%-123%)			
**Toluene-d8	50.0		49.5		50.3	ug/L		101	(77%-121%)			
QC1206408780 766749013 MS												
1,4-Dioxane	2500	U	ND		2150	ug/L		86	(50%-136%)		03/16/26	16:19
Trichlorotrifluoroethane	250	U	ND		235	ug/L		94	(47%-141%)			

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
**1,2-Dichloroethane-d4	50.0		53.1		52.2	ug/L		104	(71%-131%)	PW3	03/16/26 16:19
**Bromofluorobenzene	50.0		48.2		48.2	ug/L		96	(77%-123%)		
**Toluene-d8	50.0		49.7		49.8	ug/L		100	(77%-121%)		
QC1206408779 766749002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		52.3	ug/L	0	105	(0%-20%)		03/16/26 15:54
1,1,2,2-Tetrachloroethane	50.0	U	ND		46.1	ug/L	1	92	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		49.0	ug/L	1	98	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		59.8	ug/L	1	120	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		50.6	ug/L	3	101	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		51.0	ug/L	2	102	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		49.9	ug/L	1	100	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		49.0	ug/L	3	98	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		47.6	ug/L	1	95	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		49.8	ug/L	2	100	(0%-20%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
1,2-Dichloropropane	50.0	U	ND		46.5	ug/L	1	93	(0%-20%)	PW3	03/16/26 15:54
1,3-Dichlorobenzene	50.0	U	ND		47.7	ug/L	1	95	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		47.9	ug/L	1	96	(0%-20%)		
2-Butanone	250	U	ND		225	ug/L	3	90	(0%-20%)		
2-Hexanone	250	U	ND		217	ug/L	4	87	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		228	ug/L	3	91	(0%-20%)		
Acetone	250	U	ND		222	ug/L	2	89	(0%-20%)		
Benzene	50.0	U	ND		45.9	ug/L	2	92	(0%-20%)		
Bromochloromethane	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		
Bromodichloromethane	50.0	U	ND		50.1	ug/L	2	100	(0%-20%)		
Bromoform	50.0	U	ND		49.8	ug/L	0	100	(0%-20%)		
Bromomethane	50.0	U	ND		54.4	ug/L	6	109	(0%-20%)		
Carbon disulfide	250	U	ND		278	ug/L	2	111	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		53.1	ug/L	2	106	(0%-20%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
Chlorobenzene	50.0	U	ND		46.5	ug/L	1	93	(0%-20%)	PW3	03/16/26 15:54
Chloroethane	50.0	U	ND		56.5	ug/L	8	113	(0%-20%)		
Chloroform	50.0	U	ND		49.3	ug/L	1	99	(0%-20%)		
Chloromethane	50.0	U	ND		67.2	ug/L	0	134	(0%-20%)		
Cyclohexane	50.0	U	ND		46.5	ug/L	2	93	(0%-20%)		
Dibromochloromethane	50.0	U	ND		50.5	ug/L	2	101	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		61.3	ug/L	3	123	(0%-20%)		
Ethylbenzene	50.0	U	ND		46.2	ug/L	2	92	(0%-20%)		
Isopropylbenzene	50.0	U	ND		48.7	ug/L	1	97	(0%-20%)		
Methyl acetate	250	U	ND		231	ug/L	3	93	(0%-20%)		
Methylcyclohexane	50.0	U	ND		47.0	ug/L	1	94	(0%-20%)		
Methylene chloride	50.0	U	ND		51.0	ug/L	2	102	(0%-20%)		
Styrene	50.0	U	ND		46.2	ug/L	1	92	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		48.2	ug/L	1	96	(0%-20%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
Toluene	50.0	U	ND		45.4	ug/L	3	91	(0%-20%)	PW3	03/16/26 15:54
Trichloroethylene	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		61.6	ug/L	7	123	(0%-20%)		
Vinyl chloride	50.0	U	ND		53.5	ug/L	4	107	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		48.6	ug/L	2	97	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		49.4	ug/L	2	99	(0%-20%)		
m,p-Xylenes	100	U	ND		93.3	ug/L	2	93	(0%-20%)		
o-Xylene	50.0	U	ND		46.6	ug/L	1	93	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		48.0	ug/L	3	96	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		52.2	ug/L	0	104	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		48.3	ug/L	3	97	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		52.3		52.4	ug/L		105	(71%-131%)		
**Bromofluorobenzene	50.0		48.2		49.9	ug/L		100	(77%-123%)		
**Toluene-d8	50.0		49.5		50.6	ug/L		101	(77%-121%)		

QC Summary

Workorder: **766749**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962178											
QC1206408781 766749013 MSD											
1,4-Dioxane	2500	U	ND		2160	ug/L	1	87	(0%-20%)	PW3	03/16/26 16:44
Trichlorotrifluoroethane	250	U	ND		259	ug/L	10	104	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		53.1		51.7	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0		48.2		48.1	ug/L		96	(77%-123%)		
**Toluene-d8	50.0		49.7		49.9	ug/L		100	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

- U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J J Value is estimated
- h h Preparation or preservation holding time was exceeded
- Q Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- Q Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number: _____
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 766749

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: Groundwater and Surface Water Sampling - Liberty Steel
Address: ~~2040 Savage Road, Charleston, SC 29407.~~ Fraser St., Georgetown, SC
Collected By: Client (BPB)
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

< (6) Preservative Type

Sample ID Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	Should this sample be considered: (7) Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved) *	Hexavalent Chromium (Dissolved) *	Trip Blank	DI Water			Comments Note: extra sample is required for sample specific QC
LS-TB-030426	03-04-26	1000	N	TB	DI			3	3										
MW-18	1	1055	Y*	N	GW			9	3	2	1	1	1	1					* Dissolved TAL
MW-22	1	1130	Y*	N	GW			9	3	2	1	1	1	1					Metals + Cr6 filtered
MW-CA-2	1	1210	Y*	N	GW			9	3	2	1	1	1	1					in field
MW-CA-2-DP	1	1212	Y ~~DUP~~	DUP	GW			9	3	2	1	1	1	1					
LS-EB-030426	1	1240	N	EB	DI			7	3	2	1	1							
MW-21	1	1315	Y*	N	GW			9	3	2	1	1	1	1					
MW-CA-1	↓	1400	Y*	N	GW			9	3	2	1	1	1	1					

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	3-4-26	1630	[signature]	3/4/26	1630
2						
3						

Select Deliverable: [ ] Results and QC Summary [ ]Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246712
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 0 °C

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive * If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.*****

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)
TSCA Regulated:
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE | SDG/AR/COC/Work Order: 766749 | GEL PM: JR

Received By: CLM | Date Received at GEL: 3/4/26

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR5-23 Daily Calibration Performed? Y N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
N/A cooler 1	0°				
2	0°				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No ✓ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CW Date 3/5/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 766749

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2962178

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766749001	LS-TB-030426
766749002	MW-18
766749004	MW-22
766749006	MW-CA-2
766749008	MW-CA-2-DP
766749010	LS-EB-030426
766749011	MW-21
766749013	MW-CA-1
1206408775	Laboratory Control Sample (LCS) **Batch 2962178**
1206408776	Laboratory Control Sample (LCS)
1206408777	Method Blank (MB)
1206408778	766749002(MW-18) Matrix Spike (MS)
1206408779	766749002(MW-18) Matrix Spike Duplicate (MSD)
1206408780	766749013(MW-CA-1) Matrix Spike (MS)
1206408781	766749013(MW-CA-1) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2958179

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2958178

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766749002	MW-18
766749004	MW-22
766749006	MW-CA-2
766749008	MW-CA-2-DP
766749010	LS-EB-030426
766749011	MW-21
766749013	MW-CA-1
1206400868	Method Blank (MB) **Batch 2958179**
1206400869	Laboratory Control Sample (LCS)
1206400870	766777001(NonSDG) Matrix Spike (MS)
1206400871	766777001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
Samples (See Below) did not meet surrogate recovery acceptance criteria. The samples were re-extracted out of holding and exhibited similar surrogate recoveries. As such, the lab reported the in holding results.

Sample	Analyte	Value
766749002 (MW-18)	Phenol-d5	12* (15%-85%)
766749013 (MW-CA-1)	Phenol-d5	13* (15%-85%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206400870MS and 1206400871MSD (Non SDG 766777001)	Benzaldehyde	77* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all

reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2960812

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2960811

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766749002	MW-18
766749013	MW-CA-1
1206406104	Method Blank (MB) **Batch 2960812**
1206406105	Laboratory Control Sample (LCS)
1206406106	768118002(NonSDG) Matrix Spike (MS)
1206406107	768118002(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206406105 (LCS)	4-Nitrophenol	21* (25%-69%)
	Hexachlorocyclopentadiene	25* (31%-64%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206406106MS and 1206406107MSD (Non SDG 768118002)	1, 2, 4, 5-Tetrachlorobenzene	RPD 33* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 40* (0%-30%)

	2, 4, 5-Trichlorophenol	RPD 45* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 42* (0%-30%)
	2, 4-Dichlorophenol	RPD 50* (0%-30%)
	2, 4-Dimethylphenol	RPD 54* (0%-30%)
	2, 4-Dinitrophenol	RPD 45* (0%-30%)
	2-Chloronaphthalene	RPD 31* (0%-30%)
	2-Chlorophenol	RPD 63* (0%-30%)
	2-Methyl-4, 6-dinitrophenol	RPD 40* (0%-30%)
	2-Nitrophenol	RPD 47* (0%-30%)
	4-Chloro-3-methylphenol	RPD 53* (0%-30%)
	4-Nitrophenol	RPD 73* (0%-30%)
	Benzo(a)anthracene	RPD 31* (0%-30%)
	Benzo(a)pyrene	RPD 35* (0%-30%)
	Benzo(b)fluoranthene, Benzo(ghi)perylene	RPD 33* (0%-30%)
	Chrysene	RPD 31* (0%-30%)
	Di-n-octylphthalate	RPD 37* (0%-30%)
	Dibenzo(a, h)anthracene	RPD 34* (0%-30%)
	Dimethylphthalate	RPD 31* (0%-30%)
	Hexachlorobenzene	RPD 32* (0%-30%)
	Hexachlorobutadiene	RPD 40* (0%-30%)
	Hexachlorocyclopentadiene	RPD 48* (0%-30%)
	Hexachloroethane, Indeno(1, 2, 3-cd)pyrene	RPD 34* (0%-30%)
	Pentachlorophenol	RPD 43* (0%-30%)

	Phenol	RPD 67* (0%-30%)
	bis(2-Ethylhexyl)phthalate	RPD 34* (0%-30%)
	m, p-Cresols	RPD 68* (0%-30%)
	o-Cresol	RPD 69* (0%-30%)
	p-Nitroaniline	RPD 37* (0%-30%)

Technical Information

Holding Time Specifications

Samples (See Below) were re-extracted out of holding due to QC failures. The failures confirmed and were attributed to matrix interference.

Sample	Value
766749002 (MW-18)	Received 04-MAR-26, within holding, prepped 13-MAR-26, out of holding 11-MAR-26
766749013 (MW-CA-1)	Received 04-MAR-26, within holding, prepped 13-MAR-26, out of holding 11-MAR-26

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2956460

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2956459

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766749002	MW-18
766749003	MW-18 Field Filtered

766749004	MW-22
766749005	MW-22 Field Filtered
766749006	MW-CA-2
766749007	MW-CA-2 Field Filtered
766749008	MW-CA-2-DP
766749009	MW-CA-2-DP Field Filtered
766749010	LS-EB-030426
766749011	MW-21
766749012	MW-21 Field Filtered
766749013	MW-CA-1
766749014	MW-CA-1 Field Filtered
1206397726	Method Blank (MB)**ICP Batch 2956460**
1206397727	Laboratory Control Sample (LCS)
1206397731	766749002(MW-18L) Serial Dilution (SD)
1206397728	766749002(MW-18S) Matrix Spike (MS)
1206397729	766749002(MW-18SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples required dilutions in order to minimize suppression due to matrix interferences for selenium. 766749009 (MW-CA-2-DP Field Filtered) and 766749012 (MW-21 Field Filtered).

Analyte	766749	
	009	012
Selenium	5X	5X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2956579

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2956577

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766749002	MW-18
766749003	MW-18 Field Filtered
766749004	MW-22

766749005	MW-22 Field Filtered
766749006	MW-CA-2
766749007	MW-CA-2 Field Filtered
766749008	MW-CA-2-DP
766749009	MW-CA-2-DP Field Filtered
766749010	LS-EB-030426
766749011	MW-21
766749012	MW-21 Field Filtered
766749013	MW-CA-1
766749014	MW-CA-1 Field Filtered
1206398008	Method Blank (MB)**CVAA Batch 2956579**
1206398009	Laboratory Control Sample (LCS)
1206398010	766376001(NonSDGD) Sample Duplicate (DUP)
1206398011	766376001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 28
Analytical Batch: 2956440

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766749002	MW-18
766749003	MW-18 Field Filtered
766749004	MW-22
766749005	MW-22 Field Filtered
766749006	MW-CA-2
766749007	MW-CA-2 Field Filtered
766749008	MW-CA-2-DP
766749009	MW-CA-2-DP Field Filtered
766749010	LS-EB-030426
766749011	MW-21
766749012	MW-21 Field Filtered
766749013	MW-CA-1
766749014	MW-CA-1 Field Filtered
1206397701	Method Blank (MB) **Batch 2956440**
1206397702	Laboratory Control Sample (LCS)
1206397703	766749002(MW-18) Sample Duplicate (DUP)
1206397704	766749002(MW-18) Matrix Spike (MS)
1206397705	766749014(MW-CA-1 Field Filtered) Sample Duplicate (DUP)
1206397706	766749014(MW-CA-1 Field Filtered) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 766977

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 05, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the previous revision noted as SDG number 766977 Rev01 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

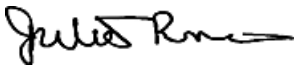
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. Client noted headspace on COC, no headspace seen at arrival.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 766977 GEL Work Order: 766977

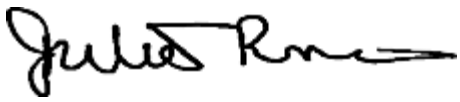
The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
E Concentration of the target analyte exceeds the instrument calibration range
J Value is estimated
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TB-030526	Project:	RVDE00226C
Sample ID:	766977001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	05-MAR-26 09:00		
Receive Date:	05-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	03/17/26	1454	2962900	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-030526 Project: RVDE00226C
Sample ID: 766977001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.5 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	49.7 ug/L	50.0	99	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-20	Project:	RVDE00226C
Sample ID:	766977002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	05-MAR-26 09:15		
Receive Date:	05-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1319	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1430	68.0	200	ug/L	1.00	1	EM2	03/18/26	1118	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		44.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		55100	50.0	200	ug/L	1.00	1					
Chromium	J	6.35	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	5.79	3.00	20.0	ug/L	1.00	1					
Iron		2160	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		12700	110	300	ug/L	1.00	1					
Manganese		56.8	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3020	50.0	250	ug/L	1.00	1					
Selenium	J	6.36	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		14600	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		22.5	1.00	5.00	ug/L	1.00	1					
Zinc		32.8	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.01	10.0	ug/L	0.00100	1	LL2	03/11/26	2048	2958798	3
1,2,4,5-Tetrachlorobenzene	U	ND	3.01	10.0	ug/L	0.00100	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
2,4,5-Trichlorophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
2,4,6-Trichlorophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
2,4-Dichlorophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
2,4-Dimethylphenol	U	ND	3.01	10.0	ug/L	0.00100	1					
2,4-Dinitrophenol	U	ND	5.02	20.1	ug/L	0.00100	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-20
Sample ID: 766977002
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.01	10.0	ug/L	0.00100	1					
2,6-Dinitrotoluene	U	ND	3.01	10.0	ug/L	0.00100	1					
2-Chloronaphthalene	U	ND	0.412	1.00	ug/L	0.00100	1					
2-Chlorophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
2-Methylnaphthalene	U	ND	0.301	1.00	ug/L	0.00100	1					
2-Nitrophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
3,3'-Dichlorobenzidine	U	ND	3.01	10.0	ug/L	0.00100	1					
4-Bromophenylphenylether	U	ND	3.01	10.0	ug/L	0.00100	1					
4-Chloro-3-methylphenol	U	ND	3.01	10.0	ug/L	0.00100	1					
4-Chloroaniline	U	ND	3.31	10.0	ug/L	0.00100	1					
4-Chlorophenylphenylether	U	ND	3.01	10.0	ug/L	0.00100	1					
4-Nitrophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
Acenaphthene	U	ND	0.301	1.00	ug/L	0.00100	1					
Acenaphthylene	U	ND	0.301	1.00	ug/L	0.00100	1					
Acetophenone	U	ND	3.01	10.0	ug/L	0.00100	1					
Anthracene	U	ND	0.301	1.00	ug/L	0.00100	1					
Atrazine	U	ND	3.01	10.0	ug/L	0.00100	1					
Benzaldehyde	U	ND	3.01	10.0	ug/L	0.00100	1					
Benzo(a)anthracene	U	ND	0.301	1.00	ug/L	0.00100	1					
Benzo(a)pyrene	U	ND	0.301	1.00	ug/L	0.00100	1					
Benzo(b)fluoranthene	U	ND	0.301	1.00	ug/L	0.00100	1					
Benzo(ghi)perylene	U	ND	0.301	1.00	ug/L	0.00100	1					
Benzo(k)fluoranthene	U	ND	0.301	1.00	ug/L	0.00100	1					
Butylbenzylphthalate	U	ND	0.301	1.00	ug/L	0.00100	1					
Carbazole	U	ND	0.301	1.00	ug/L	0.00100	1					
Chrysene	U	ND	0.301	1.00	ug/L	0.00100	1					
Di-n-butylphthalate	U	ND	0.301	1.00	ug/L	0.00100	1					
Di-n-octylphthalate	U	ND	0.301	1.00	ug/L	0.00100	1					
Dibenzo(a,h)anthracene	U	ND	0.301	1.00	ug/L	0.00100	1					
Dibenzofuran	U	ND	3.01	10.0	ug/L	0.00100	1					
Diethylphthalate	U	ND	0.301	1.00	ug/L	0.00100	1					
Dimethylphthalate	U	ND	0.301	1.00	ug/L	0.00100	1					
Diphenylamine	U	ND	3.01	10.0	ug/L	0.00100	1					
Fluoranthene	U	ND	0.301	1.00	ug/L	0.00100	1					
Fluorene	U	ND	0.301	1.00	ug/L	0.00100	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-20 Project: RVDE00226C
Sample ID: 766977002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.01	10.0	ug/L	0.00100	1					
Hexachlorobutadiene	U	ND	3.01	10.0	ug/L	0.00100	1					
Hexachlorocyclopentadiene	U	ND	3.01	10.0	ug/L	0.00100	1					
Hexachloroethane	U	ND	3.01	10.0	ug/L	0.00100	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.301	1.00	ug/L	0.00100	1					
Isophorone	U	ND	3.52	10.0	ug/L	0.00100	1					
N-Nitrosodipropylamine	U	ND	3.01	10.0	ug/L	0.00100	1					
Naphthalene	U	ND	0.301	1.00	ug/L	0.00100	1					
Nitrobenzene	U	ND	3.01	10.0	ug/L	0.00100	1					
Pentachlorophenol	U	ND	3.01	10.0	ug/L	0.00100	1					
Phenanthrene	U	ND	0.301	1.00	ug/L	0.00100	1					
Phenol	U	ND	3.01	10.0	ug/L	0.00100	1					
Pyrene	U	ND	0.301	1.00	ug/L	0.00100	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.01	10.0	ug/L	0.00100	1					
bis(2-Chloroethoxy)methane	U	ND	3.01	10.0	ug/L	0.00100	1					
bis(2-Chloroethyl) ether	U	ND	3.01	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.301	1.00	ug/L	0.00100	1					
m,p-Cresols	U	ND	3.72	10.0	ug/L	0.00100	1					
m-Nitroaniline	U	ND	3.01	10.0	ug/L	0.00100	1					
o-Cresol	U	ND	3.01	10.0	ug/L	0.00100	1					
o-Nitroaniline	U	ND	3.01	10.0	ug/L	0.00100	1					
p-Nitroaniline	U	ND	3.01	10.0	ug/L	0.00100	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	03/17/26	1521	2962900	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-20 Project: RVDE00226C
Sample ID: 766977002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		8.37	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-20 Project: RVDE00226C
Sample ID: 766977002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/11/26	1211	2958797
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	76.1 ug/L	100	76	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	22.7 ug/L	100	23	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	32.2 ug/L	100	32	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.4 ug/L	50.2	59	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	32.6 ug/L	50.2	65	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	26.5 ug/L	50.2	53	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.9 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	50.9 ug/L	50.0	102	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.6 ug/L	50.0	99	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-20	Project:	RVDE00226C
Sample ID:	766977002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-20 Field Filtered
Sample ID: 766977003
Matrix: Ground Water
Collect Date: 05-MAR-26 09:15
Receive Date: 05-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1321	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/18/26	1128	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		40.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		56700	50.0	200	ug/L	1.00	1					
Chromium	J	1.70	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	43.0	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		12800	110	300	ug/L	1.00	1					
Manganese		17.4	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3040	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		14900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		8.07	1.00	5.00	ug/L	1.00	1					
Zinc	J	16.5	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-20 Field Filtered	Project:	RVDE00226C
Sample ID:	766977003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-19	Project:	RVDE00226C
Sample ID:	766977004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	05-MAR-26 09:50		
Receive Date:	05-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1322	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		2640	68.0	200	ug/L	1.00	1	EM2	03/18/26	1131	2957167	2
Antimony	J	3.74	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		46.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		22200	50.0	200	ug/L	1.00	1					
Chromium		27.2	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		1080	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		889	110	300	ug/L	1.00	1					
Manganese	J	7.94	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3880	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		6220	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		91.1	1.00	5.00	ug/L	1.00	1					
Zinc	J	14.6	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.45	ug/L	0.000945	1	LL2	03/11/26	2110	2958798	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dimethylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dinitrophenol	U	ND	4.73	18.9	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-19 Project: RVDE00226C
Sample ID: 766977004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,6-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Chloronaphthalene	U	ND	0.388	0.945	ug/L	0.000945	1					
2-Chlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methylnaphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
2-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Bromophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloroaniline	U	ND	3.12	9.45	ug/L	0.000945	1					
4-Chlorophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Acenaphthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acenaphthylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acetophenone	U	ND	2.84	9.45	ug/L	0.000945	1					
Anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Atrazine	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzaldehyde	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzo(a)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(a)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(b)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(ghi)perylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(k)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Butylbenzylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Carbazole	U	ND	0.284	0.945	ug/L	0.000945	1					
Chrysene	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-butylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-octylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzofuran	U	ND	2.84	9.45	ug/L	0.000945	1					
Diethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dimethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Diphenylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Fluorene	U	ND	0.284	0.945	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-19 Project: RVDE00226C
Sample ID: 766977004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorobutadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachloroethane	U	ND	2.84	9.45	ug/L	0.000945	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Isophorone	U	ND	3.31	9.45	ug/L	0.000945	1					
N-Nitrosodipropylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Naphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
Nitrobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Pentachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Phenanthrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Phenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
m,p-Cresols	U	ND	3.50	9.45	ug/L	0.000945	1					
m-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Cresol	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
p-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0446	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	03/17/26	1547	2962900	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-19 Project: RVDE00226C
Sample ID: 766977004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	2.05	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	J	0.430	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-19	Project:	RVDE00226C
Sample ID:	766977004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/11/26	1211	2958797
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	25.4 ug/L	47.3	54	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.7 ug/L	47.3	59	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	19.2 ug/L	47.3	41	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	63.5 ug/L	94.5	67	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	17.1 ug/L	94.5	18	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	24.0 ug/L	94.5	25	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.3 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	50.3 ug/L	50.0	101	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.9 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-19	Project:	RVDE00226C
Sample ID:	766977004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-19 Field Filtered
Sample ID: 766977005
Matrix: Ground Water
Collect Date: 05-MAR-26 09:50
Receive Date: 05-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1324	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		856	68.0	200	ug/L	1.00	1	EM2	03/18/26	1139	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		21400	50.0	200	ug/L	1.00	1					
Chromium		24.2	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3830	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		6260	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		85.0	1.00	5.00	ug/L	1.00	1					
Zinc	J	5.45	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0258	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-19 Field Filtered	Project:	RVDE00226C
Sample ID:	766977005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-4
Sample ID: 766977006
Matrix: Ground Water
Collect Date: 05-MAR-26 10:25
Receive Date: 05-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1326	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	82.0	68.0	200	ug/L	1.00	1	EM2	03/18/26	1143	2957167	2
Antimony	J	4.46	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		127	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		140000	50.0	200	ug/L	1.00	1					
Chromium	J	1.91	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		12500	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		70200	110	300	ug/L	1.00	1					
Manganese		539	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		28100	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		21900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.21	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.57	ug/L	0.000957	1	LL2	03/11/26	2132	2958798	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dimethylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dinitrophenol	U	ND	4.79	19.1	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-4	Project:	RVDE00226C
Sample ID:	766977006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,6-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Chloronaphthalene	U	ND	0.392	0.957	ug/L	0.000957	1					
2-Chlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methylnaphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
2-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Bromophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloroaniline	U	ND	3.16	9.57	ug/L	0.000957	1					
4-Chlorophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Acenaphthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acenaphthylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acetophenone	U	ND	2.87	9.57	ug/L	0.000957	1					
Anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Atrazine	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzaldehyde	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzo(a)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(a)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(b)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(ghi)perylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(k)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Butylbenzylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Carbazole	U	ND	0.287	0.957	ug/L	0.000957	1					
Chrysene	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-butylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-octylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzofuran	U	ND	2.87	9.57	ug/L	0.000957	1					
Diethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dimethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Diphenylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Fluorene	U	ND	0.287	0.957	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-4 Project: RVDE00226C
Sample ID: 766977006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorobutadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachloroethane	U	ND	2.87	9.57	ug/L	0.000957	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Isophorone	U	ND	3.35	9.57	ug/L	0.000957	1					
N-Nitrosodipropylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Naphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
Nitrobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Pentachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Phenanthrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Phenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
m,p-Cresols	U	ND	3.54	9.57	ug/L	0.000957	1					
m-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Cresol	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
p-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	03/17/26	1614	2962900	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-4 Project: RVDE00226C
Sample ID: 766977006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	1.98	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-4 Project: RVDE00226C
Sample ID: 766977006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/11/26	1211	2958797
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	31.2 ug/L	47.9	65	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	33.9 ug/L	47.9	71	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	25.8 ug/L	47.9	54	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	76.8 ug/L	95.7	80	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	21.6 ug/L	95.7	23	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	31.0 ug/L	95.7	32	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.1 ug/L	50.0	100	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	49.5 ug/L	50.0	99	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	51.0 ug/L	50.0	102	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-4	Project:	RVDE00226C
Sample ID:	766977006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-4 Field Filtered	Project:	RVDE00226C
Sample ID:	766977007	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	05-MAR-26 10:25		
Receive Date:	05-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1327	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/18/26	1145	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		129	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		142000	50.0	200	ug/L	1.00	1					
Chromium	J	1.71	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		12700	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		71100	110	300	ug/L	1.00	1					
Manganese		555	2.00	10.0	ug/L	1.00	1					
Nickel	J	2.77	1.50	5.00	ug/L	1.00	1					
Potassium		28400	50.0	250	ug/L	1.00	1					
Selenium	J	8.00	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		22400	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.43	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00586	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-4 Field Filtered	Project:	RVDE00226C
Sample ID:	766977007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-3	Project:	RVDE00226C
Sample ID:	766977008	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	05-MAR-26 11:10		
Receive Date:	05-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1329	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/18/26	1148	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		330	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		175000	50.0	200	ug/L	1.00	1					
Chromium	J	2.78	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		56300	30.0	100	ug/L	1.00	1					
Lead		80.6	3.30	20.0	ug/L	1.00	1					
Magnesium		37300	110	300	ug/L	1.00	1					
Manganese		1550	2.00	10.0	ug/L	1.00	1					
Nickel	J	3.23	1.50	5.00	ug/L	1.00	1					
Potassium		42500	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		59200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc		195	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.86	9.54	ug/L	0.000954	1	LL2	03/11/26	2155	2958798	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.86	9.54	ug/L	0.000954	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
2,4,5-Trichlorophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
2,4,6-Trichlorophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
2,4-Dichlorophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
2,4-Dimethylphenol	U	ND	2.86	9.54	ug/L	0.000954	1					
2,4-Dinitrophenol	U	ND	4.77	19.1	ug/L	0.000954	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-3 Project: RVDE00226C
Sample ID: 766977008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.86	9.54	ug/L	0.000954	1					
2,6-Dinitrotoluene	U	ND	2.86	9.54	ug/L	0.000954	1					
2-Chloronaphthalene	U	ND	0.391	0.954	ug/L	0.000954	1					
2-Chlorophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
2-Methylnaphthalene	U	ND	0.286	0.954	ug/L	0.000954	1					
2-Nitrophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
3,3'-Dichlorobenzidine	U	ND	2.86	9.54	ug/L	0.000954	1					
4-Bromophenylphenylether	U	ND	2.86	9.54	ug/L	0.000954	1					
4-Chloro-3-methylphenol	U	ND	2.86	9.54	ug/L	0.000954	1					
4-Chloroaniline	U	ND	3.15	9.54	ug/L	0.000954	1					
4-Chlorophenylphenylether	U	ND	2.86	9.54	ug/L	0.000954	1					
4-Nitrophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
Acenaphthene	U	ND	0.286	0.954	ug/L	0.000954	1					
Acenaphthylene	U	ND	0.286	0.954	ug/L	0.000954	1					
Acetophenone	U	ND	2.86	9.54	ug/L	0.000954	1					
Anthracene	U	ND	0.286	0.954	ug/L	0.000954	1					
Atrazine	U	ND	2.86	9.54	ug/L	0.000954	1					
Benzaldehyde	U	ND	2.86	9.54	ug/L	0.000954	1					
Benzo(a)anthracene	U	ND	0.286	0.954	ug/L	0.000954	1					
Benzo(a)pyrene	U	ND	0.286	0.954	ug/L	0.000954	1					
Benzo(b)fluoranthene	U	ND	0.286	0.954	ug/L	0.000954	1					
Benzo(ghi)perylene	U	ND	0.286	0.954	ug/L	0.000954	1					
Benzo(k)fluoranthene	U	ND	0.286	0.954	ug/L	0.000954	1					
Butylbenzylphthalate	U	ND	0.286	0.954	ug/L	0.000954	1					
Carbazole	U	ND	0.286	0.954	ug/L	0.000954	1					
Chrysene	U	ND	0.286	0.954	ug/L	0.000954	1					
Di-n-butylphthalate	U	ND	0.286	0.954	ug/L	0.000954	1					
Di-n-octylphthalate	U	ND	0.286	0.954	ug/L	0.000954	1					
Dibenzo(a,h)anthracene	U	ND	0.286	0.954	ug/L	0.000954	1					
Dibenzofuran	U	ND	2.86	9.54	ug/L	0.000954	1					
Diethylphthalate	U	ND	0.286	0.954	ug/L	0.000954	1					
Dimethylphthalate	U	ND	0.286	0.954	ug/L	0.000954	1					
Diphenylamine	U	ND	2.86	9.54	ug/L	0.000954	1					
Fluoranthene	U	ND	0.286	0.954	ug/L	0.000954	1					
Fluorene	U	ND	0.286	0.954	ug/L	0.000954	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-3 Project: RVDE00226C
Sample ID: 766977008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.86	9.54	ug/L	0.000954	1					
Hexachlorobutadiene	U	ND	2.86	9.54	ug/L	0.000954	1					
Hexachlorocyclopentadiene	U	ND	2.86	9.54	ug/L	0.000954	1					
Hexachloroethane	U	ND	2.86	9.54	ug/L	0.000954	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.286	0.954	ug/L	0.000954	1					
Isophorone	U	ND	3.34	9.54	ug/L	0.000954	1					
N-Nitrosodipropylamine	U	ND	2.86	9.54	ug/L	0.000954	1					
Naphthalene		2.83	0.286	0.954	ug/L	0.000954	1					
Nitrobenzene	U	ND	2.86	9.54	ug/L	0.000954	1					
Pentachlorophenol	U	ND	2.86	9.54	ug/L	0.000954	1					
Phenanthrene	U	ND	0.286	0.954	ug/L	0.000954	1					
Phenol	U	ND	2.86	9.54	ug/L	0.000954	1					
Pyrene	U	ND	0.286	0.954	ug/L	0.000954	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.86	9.54	ug/L	0.000954	1					
bis(2-Chloroethoxy)methane	U	ND	2.86	9.54	ug/L	0.000954	1					
bis(2-Chloroethyl) ether	U	ND	2.86	9.54	ug/L	0.000954	1					
bis(2-Ethylhexyl)phthalate		7.83	0.286	0.954	ug/L	0.000954	1					
m,p-Cresols	U	ND	3.53	9.54	ug/L	0.000954	1					
m-Nitroaniline	U	ND	2.86	9.54	ug/L	0.000954	1					
o-Cresol	U	ND	2.86	9.54	ug/L	0.000954	1					
o-Nitroaniline	U	ND	2.86	9.54	ug/L	0.000954	1					
p-Nitroaniline	U	ND	2.86	9.54	ug/L	0.000954	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	03/17/26	1641	2962900	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane		2.86	0.333	1.00	ug/L		1					
1,1-Dichloroethane		21.6	0.333	1.00	ug/L		1					
1,1-Dichloroethylene		39.4	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-CA-3 Project: RVDE00226C
Sample ID: 766977008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane		20.5	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene		1.92	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane		5.94	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene		2.24	0.333	1.00	ug/L		1					
Isopropylbenzene		1.57	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		80.6	0.333	1.00	ug/L		1					
Toluene		9.80	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-3	Project:	RVDE00226C
Sample ID:	766977008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes		3.95	0.500	2.00	ug/L		1					
o-Xylene		12.6	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene		1530	167	500	ug/L		500	JM6	03/19/26	0200	2962900	6
cis-1,2-Dichloroethylene		27600	167	500	ug/L		500					
trans-1,2-Dichloroethylene	U	ND	167	500	ug/L		500					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/11/26	1211	2958797
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	26.7 ug/L	47.7	56	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.8 ug/L	47.7	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.8 ug/L	47.7	25	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	61.7 ug/L	95.4	65	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.9 ug/L	95.4	20	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	25.3 ug/L	95.4	27	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.4 ug/L	50.0	99	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.5 ug/L	50.0	87	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.5 ug/L	50.0	97	(77%-121%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	23500 ug/L	50.0	94	(71%-131%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	23700 ug/L	50.0	95	(77%-123%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-3	Project:	RVDE00226C
Sample ID:	766977008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "As Received"		22900	ug/L	50.0		91		(77%-121%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-3 Field Filtered	Project:	RVDE00226C
Sample ID:	766977009	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	05-MAR-26 11:10		
Receive Date:	05-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1334	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/18/26	1150	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		284	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		162000	50.0	200	ug/L	1.00	1					
Chromium	J	1.40	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		40000	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		36000	110	300	ug/L	1.00	1					
Manganese		1420	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.90	1.50	5.00	ug/L	1.00	1					
Potassium		41300	50.0	250	ug/L	1.00	1					
Selenium	J	12.0	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		56700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc		38.3	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-CA-3 Field Filtered	Project:	RVDE00226C
Sample ID:	766977009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23
Sample ID: 766977010
Matrix: Ground Water
Collect Date: 05-MAR-26 11:30
Receive Date: 05-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1336	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1470	68.0	200	ug/L	1.00	1	EM2	03/18/26	1152	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	8.93	5.00	30.0	ug/L	1.00	1					
Barium		298	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		102000	50.0	200	ug/L	1.00	1					
Chromium		92.7	1.00	10.0	ug/L	1.00	1					
Cobalt	J	3.78	1.00	5.00	ug/L	1.00	1					
Copper		113	3.00	20.0	ug/L	1.00	1					
Iron		74000	30.0	100	ug/L	1.00	1					
Lead		223	3.30	20.0	ug/L	1.00	1					
Magnesium		21100	110	300	ug/L	1.00	1					
Manganese		1400	2.00	10.0	ug/L	1.00	1					
Nickel		39.1	1.50	5.00	ug/L	1.00	1					
Potassium		35600	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		31400	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		10.8	1.00	5.00	ug/L	1.00	1					
Zinc		2200	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	15.0	50.0	ug/L	0.00500	1	LL2	03/11/26	2217	2958798	3
1,2,4,5-Tetrachlorobenzene	U	ND	15.0	50.0	ug/L	0.00500	1					
2,3,4,6-Tetrachlorophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
2,4,5-Trichlorophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
2,4,6-Trichlorophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
2,4-Dichlorophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
2,4-Dimethylphenol	U	ND	15.0	50.0	ug/L	0.00500	1					
2,4-Dinitrophenol	U	ND	25.0	100	ug/L	0.00500	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23 Project: RVDE00226C
Sample ID: 766977010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	15.0	50.0	ug/L	0.00500	1					
2,6-Dinitrotoluene	U	ND	15.0	50.0	ug/L	0.00500	1					
2-Chloronaphthalene	U	ND	2.05	5.00	ug/L	0.00500	1					
2-Chlorophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
2-Methyl-4,6-dinitrophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
2-Methylnaphthalene	J	3.55	1.50	5.00	ug/L	0.00500	1					
2-Nitrophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
3,3'-Dichlorobenzidine	U	ND	15.0	50.0	ug/L	0.00500	1					
4-Bromophenylphenylether	U	ND	15.0	50.0	ug/L	0.00500	1					
4-Chloro-3-methylphenol	U	ND	15.0	50.0	ug/L	0.00500	1					
4-Chloroaniline	U	ND	16.5	50.0	ug/L	0.00500	1					
4-Chlorophenylphenylether	U	ND	15.0	50.0	ug/L	0.00500	1					
4-Nitrophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
Acenaphthene	U	ND	1.50	5.00	ug/L	0.00500	1					
Acenaphthylene	U	ND	1.50	5.00	ug/L	0.00500	1					
Acetophenone	U	ND	15.0	50.0	ug/L	0.00500	1					
Anthracene	U	ND	1.50	5.00	ug/L	0.00500	1					
Atrazine	U	ND	15.0	50.0	ug/L	0.00500	1					
Benzaldehyde	U	ND	15.0	50.0	ug/L	0.00500	1					
Benzo(a)anthracene	J	1.60	1.50	5.00	ug/L	0.00500	1					
Benzo(a)pyrene	U	ND	1.50	5.00	ug/L	0.00500	1					
Benzo(b)fluoranthene	U	ND	1.50	5.00	ug/L	0.00500	1					
Benzo(ghi)perylene	U	ND	1.50	5.00	ug/L	0.00500	1					
Benzo(k)fluoranthene	U	ND	1.50	5.00	ug/L	0.00500	1					
Butylbenzylphthalate	U	ND	1.50	5.00	ug/L	0.00500	1					
Carbazole	U	ND	1.50	5.00	ug/L	0.00500	1					
Chrysene	U	ND	1.50	5.00	ug/L	0.00500	1					
Di-n-butylphthalate	BJ	4.60	1.50	5.00	ug/L	0.00500	1					
Di-n-octylphthalate	U	ND	1.50	5.00	ug/L	0.00500	1					
Dibenzo(a,h)anthracene	U	ND	1.50	5.00	ug/L	0.00500	1					
Dibenzofuran	U	ND	15.0	50.0	ug/L	0.00500	1					
Diethylphthalate	U	ND	1.50	5.00	ug/L	0.00500	1					
Dimethylphthalate		18.7	1.50	5.00	ug/L	0.00500	1					
Diphenylamine	U	ND	15.0	50.0	ug/L	0.00500	1					
Fluoranthene	J	3.10	1.50	5.00	ug/L	0.00500	1					
Fluorene	U	ND	1.50	5.00	ug/L	0.00500	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23 Project: RVDE00226C
Sample ID: 766977010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	15.0	50.0	ug/L	0.00500	1					
Hexachlorobutadiene	U	ND	15.0	50.0	ug/L	0.00500	1					
Hexachlorocyclopentadiene	U	ND	15.0	50.0	ug/L	0.00500	1					
Hexachloroethane	U	ND	15.0	50.0	ug/L	0.00500	1					
Indeno(1,2,3-cd)pyrene	U	ND	1.50	5.00	ug/L	0.00500	1					
Isophorone	U	ND	17.5	50.0	ug/L	0.00500	1					
N-Nitrosodipropylamine	U	ND	15.0	50.0	ug/L	0.00500	1					
Naphthalene		18.2	1.50	5.00	ug/L	0.00500	1					
Nitrobenzene	U	ND	15.0	50.0	ug/L	0.00500	1					
Pentachlorophenol	U	ND	15.0	50.0	ug/L	0.00500	1					
Phenanthrene	J	3.50	1.50	5.00	ug/L	0.00500	1					
Phenol	U	ND	15.0	50.0	ug/L	0.00500	1					
Pyrene	J	3.05	1.50	5.00	ug/L	0.00500	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	15.0	50.0	ug/L	0.00500	1					
bis(2-Chloroethoxy)methane	U	ND	15.0	50.0	ug/L	0.00500	1					
bis(2-Chloroethyl) ether	U	ND	15.0	50.0	ug/L	0.00500	1					
bis(2-Ethylhexyl)phthalate		314	1.50	5.00	ug/L	0.00500	1					
m,p-Cresols	U	ND	18.5	50.0	ug/L	0.00500	1					
m-Nitroaniline	U	ND	15.0	50.0	ug/L	0.00500	1					
o-Cresol	U	ND	15.0	50.0	ug/L	0.00500	1					
o-Nitroaniline	U	ND	15.0	50.0	ug/L	0.00500	1					
p-Nitroaniline	U	ND	15.0	50.0	ug/L	0.00500	1					
1,1'-Biphenyl	hU	ND	15.0	50.0	ug/L	0.00500	1	LL2	03/16/26	1422	2960812	4
1,2,4,5-Tetrachlorobenzene	hU	ND	15.0	50.0	ug/L	0.00500	1					
2,3,4,6-Tetrachlorophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
2,4,5-Trichlorophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
2,4,6-Trichlorophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
2,4-Dichlorophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
2,4-Dimethylphenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
2,4-Dinitrophenol	hU	ND	25.0	100	ug/L	0.00500	1					
2,4-Dinitrotoluene	hU	ND	15.0	50.0	ug/L	0.00500	1					
2,6-Dinitrotoluene	hU	ND	15.0	50.0	ug/L	0.00500	1					
2-Chloronaphthalene	hU	ND	2.05	5.00	ug/L	0.00500	1					
2-Chlorophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
2-Methyl-4,6-dinitrophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
2-Methylnaphthalene	hU	ND	1.50	5.00	ug/L	0.00500	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23 Project: RVDE00226C
Sample ID: 766977010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Nitrophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
3,3'-Dichlorobenzidine	hU	ND	15.0	50.0	ug/L	0.00500	1					
4-Bromophenylphenylether	hU	ND	15.0	50.0	ug/L	0.00500	1					
4-Chloro-3-methylphenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
4-Chloroaniline	hU	ND	16.5	50.0	ug/L	0.00500	1					
4-Chlorophenylphenylether	hU	ND	15.0	50.0	ug/L	0.00500	1					
4-Nitrophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
Acenaphthene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Acenaphthylene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Acetophenone	hU	ND	15.0	50.0	ug/L	0.00500	1					
Anthracene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Atrazine	hU	ND	15.0	50.0	ug/L	0.00500	1					
Benzaldehyde	hU	ND	15.0	50.0	ug/L	0.00500	1					
Benzo(a)anthracene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Benzo(a)pyrene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Benzo(b)fluoranthene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Benzo(ghi)perylene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Benzo(k)fluoranthene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Butylbenzylphthalate	hU	ND	1.50	5.00	ug/L	0.00500	1					
Carbazole	hU	ND	1.50	5.00	ug/L	0.00500	1					
Chrysene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Di-n-butylphthalate	hU	ND	1.50	5.00	ug/L	0.00500	1					
Di-n-octylphthalate	hJ	2.00	1.50	5.00	ug/L	0.00500	1					
Dibenzo(a,h)anthracene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Dibenzofuran	hU	ND	15.0	50.0	ug/L	0.00500	1					
Diethylphthalate	hU	ND	1.50	5.00	ug/L	0.00500	1					
Dimethylphthalate	hU	ND	1.50	5.00	ug/L	0.00500	1					
Diphenylamine	hU	ND	15.0	50.0	ug/L	0.00500	1					
Fluoranthene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Fluorene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Hexachlorobenzene	hU	ND	15.0	50.0	ug/L	0.00500	1					
Hexachlorobutadiene	hU	ND	15.0	50.0	ug/L	0.00500	1					
Hexachlorocyclopentadiene	hU	ND	15.0	50.0	ug/L	0.00500	1					
Hexachloroethane	hU	ND	15.0	50.0	ug/L	0.00500	1					
Indeno(1,2,3-cd)pyrene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Isophorone	hU	ND	17.5	50.0	ug/L	0.00500	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23 Project: RVDE00226C
Sample ID: 766977010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
N-Nitrosodipropylamine	hU	ND	15.0	50.0	ug/L	0.00500	1					
Naphthalene	h	5.55	1.50	5.00	ug/L	0.00500	1					
Nitrobenzene	hU	ND	15.0	50.0	ug/L	0.00500	1					
Pentachlorophenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
Phenanthrene	hU	ND	1.50	5.00	ug/L	0.00500	1					
Phenol	hU	ND	15.0	50.0	ug/L	0.00500	1					
Pyrene	hU	ND	1.50	5.00	ug/L	0.00500	1					
bis(2-Chloro-1-methylethyl)ether	hU	ND	15.0	50.0	ug/L	0.00500	1					
bis(2-Chloroethoxy)methane	hU	ND	15.0	50.0	ug/L	0.00500	1					
bis(2-Chloroethyl) ether	hU	ND	15.0	50.0	ug/L	0.00500	1					
bis(2-Ethylhexyl)phthalate	h	22.9	1.50	5.00	ug/L	0.00500	1					
m,p-Cresols	hU	ND	18.5	50.0	ug/L	0.00500	1					
m-Nitroaniline	hU	ND	15.0	50.0	ug/L	0.00500	1					
o-Cresol	hU	ND	15.0	50.0	ug/L	0.00500	1					
o-Nitroaniline	hU	ND	15.0	50.0	ug/L	0.00500	1					
p-Nitroaniline	hU	ND	15.0	50.0	ug/L	0.00500	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	03/05/26	1732	2957174	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	83.3	250	ug/L		250	JM6	03/18/26	1216	2962900	6
1,1,2,2-Tetrachloroethane	U	ND	83.3	250	ug/L		250					
1,1,2-Trichloroethane	U	ND	83.3	250	ug/L		250					
1,1-Dichloroethane	U	ND	83.3	250	ug/L		250					
1,1-Dichloroethylene	U	ND	83.3	250	ug/L		250					
1,2,3-Trichlorobenzene	U	ND	83.3	250	ug/L		250					
1,2,4-Trichlorobenzene	U	ND	83.3	250	ug/L		250					
1,2-Dibromo-3-chloropropane	U	ND	83.3	250	ug/L		250					
1,2-Dibromoethane	U	ND	83.3	250	ug/L		250					
1,2-Dichlorobenzene	U	ND	83.3	250	ug/L		250					
1,2-Dichloroethane	U	ND	83.3	250	ug/L		250					
1,2-Dichloropropane	U	ND	83.3	250	ug/L		250					
1,3-Dichlorobenzene	U	ND	83.3	250	ug/L		250					
1,4-Dichlorobenzene	U	ND	83.3	250	ug/L		250					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23 Project: RVDE00226C
Sample ID: 766977010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,4-Dioxane	U	ND	4170	12500	ug/L		250					
2-Butanone	U	ND	417	1250	ug/L		250					
2-Hexanone	U	ND	417	1250	ug/L		250					
4-Methyl-2-pentanone	U	ND	417	1250	ug/L		250					
Acetone	U	ND	436	1250	ug/L		250					
Benzene	U	ND	83.3	250	ug/L		250					
Bromochloromethane	U	ND	83.3	250	ug/L		250					
Bromodichloromethane	U	ND	83.3	250	ug/L		250					
Bromoform	U	ND	83.3	250	ug/L		250					
Bromomethane	U	ND	84.3	250	ug/L		250					
Carbon disulfide	U	ND	417	1250	ug/L		250					
Carbon tetrachloride	U	ND	83.3	250	ug/L		250					
Chlorobenzene	U	ND	83.3	250	ug/L		250					
Chloroethane	U	ND	83.3	250	ug/L		250					
Chloroform	U	ND	83.3	250	ug/L		250					
Chloromethane	U	ND	83.3	250	ug/L		250					
Cyclohexane	U	ND	83.3	250	ug/L		250					
Dibromochloromethane	U	ND	83.3	250	ug/L		250					
Dichlorodifluoromethane	U	ND	88.8	250	ug/L		250					
Ethylbenzene	U	ND	83.3	250	ug/L		250					
Isopropylbenzene	U	ND	83.3	250	ug/L		250					
Methyl acetate	U	ND	417	1250	ug/L		250					
Methylcyclohexane	U	ND	83.3	250	ug/L		250					
Methylene chloride	J	230	125	1250	ug/L		250					
Styrene	U	ND	83.3	250	ug/L		250					
Tetrachloroethylene		1180	83.3	250	ug/L		250					
Toluene	U	ND	83.3	250	ug/L		250					
Trichloroethylene	J	245	83.3	250	ug/L		250					
Trichlorofluoromethane	U	ND	83.3	250	ug/L		250					
Trichlorotrifluoroethane	U	ND	417	1250	ug/L		250					
Vinyl chloride		1930	83.3	250	ug/L		250					
cis-1,3-Dichloropropylene	U	ND	83.3	250	ug/L		250					
m,p-Xylenes	U	ND	125	500	ug/L		250					
o-Xylene	U	ND	83.3	250	ug/L		250					
tert-Butyl methyl ether	U	ND	83.3	250	ug/L		250					
trans-1,2-Dichloroethylene	U	ND	83.3	250	ug/L		250					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23 Project: RVDE00226C
Sample ID: 766977010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
trans-1,3-Dichloropropylene	U	ND	83.3	250	ug/L		250					
cis-1,2-Dichloroethylene		12100	83.3	250	ug/L		250	JM6	03/19/26	0227	2962900	7

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/13/26	0810	2960811
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	03/11/26	1211	2958797
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	256 ug/L	250	102*	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	145 ug/L	250	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	77.1 ug/L	250	31	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	255 ug/L	500	51	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	96.6 ug/L	500	19	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	102 ug/L	500	20	(15%-72%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	179 ug/L	250	72	(32%-102%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	159 ug/L	250	64	(31%-100%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	149 ug/L	250	60	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	364 ug/L	500	73	(28%-113%)
2-Fluorophenol	8270 TCL BNA "As Received"	163 ug/L	500	33	(15%-72%)
Phenol-d5	8270 TCL BNA "As Received"	120 ug/L	500	24	(15%-85%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	12100 ug/L	50.0	96	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	12300 ug/L	50.0	99	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	11800 ug/L	50.0	95	(77%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-23	Project:	RVDE00226C
Sample ID:	766977010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "As Received"		11900	ug/L		50.0	95	(71%-131%)		
Bromofluorobenzene		SW846 8260 TCL Volatiles "As Received"		12300	ug/L		50.0	99	(77%-123%)		
Toluene-d8		SW846 8260 TCL Volatiles "As Received"		11800	ug/L		50.0	95	(77%-121%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: MW-23 Field Filtered
Sample ID: 766977011
Matrix: Ground Water
Collect Date: 05-MAR-26 11:30
Receive Date: 05-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	03/10/26	1337	2958251	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/18/26	1155	2957167	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		204	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		69100	50.0	200	ug/L	1.00	1					
Chromium	J	1.39	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		23600	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		20700	110	300	ug/L	1.00	1					
Manganese		475	2.00	10.0	ug/L	1.00	1					
Nickel	J	3.17	1.50	5.00	ug/L	1.00	1					
Potassium		25700	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		36300	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	14.3	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00475	0.00300	0.0100	mg/L		1	BR2	03/05/26	1732	2957174	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/09/26	1040	2958246
SW846 3005A	SW846 3005A for 6010D	CJ3	03/06/26	1530	2957166

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	MW-23 Field Filtered	Project:	RVDE00226C
Sample ID:	766977011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2957167											
QC1206398952 LCS											
Aluminum	5000			5090	ug/L		102	(80%-120%)	EM2	03/18/26	11:16
Antimony	500			503	ug/L		101	(80%-120%)			
Arsenic	500			525	ug/L		105	(80%-120%)			
Barium	500			517	ug/L		103	(80%-120%)			
Beryllium	500			514	ug/L		103	(80%-120%)			
Cadmium	500			514	ug/L		103	(80%-120%)			
Calcium	5000			5220	ug/L		104	(80%-120%)			
Chromium	500			524	ug/L		105	(80%-120%)			
Cobalt	500			518	ug/L		104	(80%-120%)			
Copper	500			520	ug/L		104	(80%-120%)			
Iron	5000			5270	ug/L		105	(80%-120%)			
Lead	500			528	ug/L		106	(80%-120%)			

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2957167										
Magnesium	5000			5380	ug/L		108	(80%-120%)	EM2	03/18/26 11:16
Manganese	500			519	ug/L		104	(80%-120%)		
Nickel	500			517	ug/L		103	(80%-120%)		
Potassium	5000			5110	ug/L		102	(80%-120%)		
Selenium	500			510	ug/L		102	(80%-120%)		
Silver	100			102	ug/L		102	(80%-120%)		
Sodium	5000			5110	ug/L		102	(80%-120%)		
Thallium	500			514	ug/L		103	(80%-120%)		
Vanadium	500			517	ug/L		103	(80%-120%)		
Zinc	500			503	ug/L		101	(80%-120%)		
QC1206398951 MB										
Aluminum			U	ND	ug/L					03/18/26 11:12
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2957167										
Beryllium			U	ND	ug/L				EM2	03/18/26 11:12
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2957167											
Sodium				U	ND	ug/L				EM2	03/18/26 11:12
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206398953 766977002 MS											
Aluminum	5000		1430		7000	ug/L		111	(75%-125%)		03/18/26 11:21
Antimony	500	U	ND		522	ug/L		104	(75%-125%)		
Arsenic	500	U	ND		551	ug/L		110	(75%-125%)		
Barium	500		44.6		556	ug/L		102	(75%-125%)		
Beryllium	500	U	ND		520	ug/L		104	(75%-125%)		
Cadmium	500	U	ND		511	ug/L		102	(75%-125%)		
Calcium	5000		55100		59600	ug/L		N/A	(75%-125%)		
Chromium	500	J	6.35		530	ug/L		105	(75%-125%)		
Cobalt	500	U	ND		504	ug/L		101	(75%-125%)		
Copper	500	J	5.79		522	ug/L		103	(75%-125%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2957167											
Iron	5000		2160		7350	ug/L		104	(75%-125%)	EM2	03/18/26 11:21
Lead	500	U	ND		521	ug/L		104	(75%-125%)		
Magnesium	5000		12700		17700	ug/L		99.9	(75%-125%)		
Manganese	500		56.8		571	ug/L		103	(75%-125%)		
Nickel	500	U	ND		501	ug/L		100	(75%-125%)		
Potassium	5000		3020		8160	ug/L		103	(75%-125%)		
Selenium	500	J	6.36		520	ug/L		103	(75%-125%)		
Silver	100	U	ND		102	ug/L		101	(75%-125%)		
Sodium	5000		14600		19300	ug/L		94.8	(75%-125%)		
Thallium	500	U	ND		504	ug/L		101	(75%-125%)		
Vanadium	500		22.5		546	ug/L		105	(75%-125%)		
Zinc	500		32.8		530	ug/L		99.4	(75%-125%)		
QC1206398954 766977002 MSD											
Aluminum	5000		1430		6950	ug/L	0.681	110	(0%-20%)		03/18/26 11:23
Antimony	500	U	ND		513	ug/L	1.76	102	(0%-20%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2957167											
Arsenic	500	U	ND		538	ug/L	2.41	108	(0%-20%)	EM2	03/18/26 11:23
Barium	500		44.6		547	ug/L	1.64	101	(0%-20%)		
Beryllium	500	U	ND		515	ug/L	0.974	103	(0%-20%)		
Cadmium	500	U	ND		504	ug/L	1.39	101	(0%-20%)		
Calcium	5000		55100		59200	ug/L	0.663	N/A	(0%-20%)		
Chromium	500	J	6.35		517	ug/L	2.46	102	(0%-20%)		
Cobalt	500	U	ND		499	ug/L	1.01	99.6	(0%-20%)		
Copper	500	J	5.79		514	ug/L	1.62	102	(0%-20%)		
Iron	5000		2160		7260	ug/L	1.32	102	(0%-20%)		
Lead	500	U	ND		518	ug/L	0.525	103	(0%-20%)		
Magnesium	5000		12700		17400	ug/L	1.22	95.7	(0%-20%)		
Manganese	500		56.8		557	ug/L	2.41	100	(0%-20%)		
Nickel	500	U	ND		493	ug/L	1.71	98.3	(0%-20%)		
Potassium	5000		3020		8090	ug/L	0.851	101	(0%-20%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2957167											
Selenium	500	J	6.36		518	ug/L	0.395	102	(0%-20%)	EM2	03/18/26 11:23
Silver	100	U	ND		101	ug/L	0.434	101	(0%-20%)		
Sodium	5000		14600		19300	ug/L	0.266	93.8	(0%-20%)		
Thallium	500	U	ND		501	ug/L	0.556	100	(0%-20%)		
Vanadium	500		22.5		536	ug/L	1.84	103	(0%-20%)		
Zinc	500		32.8		524	ug/L	1.05	98.3	(0%-20%)		
QC1206398956 766977002 SDILT											
Aluminum			1430		266	ug/L	7.45		(0%-20%)		03/18/26 11:25
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium			44.6		8.34	ug/L	6.48		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium			55100		10400	ug/L	5.87		(0%-20%)		
Chromium		J	6.35	J	1.24	ug/L	2.36		(0%-20%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2957167										
Cobalt	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	03/18/26 11:25
Copper	J	5.79	U	ND	ug/L	N/A		(0%-20%)		
Iron		2160		403	ug/L	6.89		(0%-20%)		
Lead	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Magnesium		12700		2410	ug/L	4.94		(0%-20%)		
Manganese		56.8		10.9	ug/L	4.02		(0%-20%)		
Nickel	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Potassium		3020		589	ug/L	2.59		(0%-20%)		
Selenium	J	6.36	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		14600		2760	ug/L	5.43		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		22.5	J	4.05	ug/L	9.84		(0%-20%)		
Zinc		32.8	J	11.8	ug/L	80.5		(0%-20%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury										
Batch 2958251										
QC1206401062 767288002 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			JP2	03/10/26 13:44
QC1206401061 LCS										
Mercury	2.00			1.93	ug/L		96.3	(80%-120%)		03/10/26 13:16
QC1206401060 MB										
Mercury			U	ND	ug/L					03/10/26 13:14
QC1206401063 767288002 MS										
Mercury	2.00 U	ND		1.89	ug/L		94.7	(75%-125%)		03/10/26 13:46
Semi-Volatile-GC/MS										
Batch 2958798										
QC1206402140 LCS										
1,1'-Biphenyl	50.0			34.8	ug/L		70	(45%-114%)	LL2	03/11/26 17:52
1,2,4,5-Tetrachlorobenzene	50.0			33.0	ug/L		66	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			38.2	ug/L		76	(41%-119%)		
2,4,5-Trichlorophenol	50.0			37.3	ug/L		75	(42%-122%)		
2,4,6-Trichlorophenol	50.0			36.0	ug/L		72	(40%-119%)		
2,4-Dichlorophenol	50.0			33.1	ug/L		66	(36%-111%)		
2,4-Dimethylphenol	50.0			18.2	ug/L		36	(31%-68%)		
2,4-Dinitrophenol	50.0			40.6	ug/L		81	(30%-120%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
2,4-Dinitrotoluene	50.0			41.4	ug/L		83	(48%-128%)	LL2	03/11/26 17:52
2,6-Dinitrotoluene	50.0			40.8	ug/L		82	(47%-124%)		
2-Chloronaphthalene	50.0			41.5	ug/L		83	(41%-113%)		
2-Chlorophenol	50.0			28.4	ug/L		57	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			37.5	ug/L		75	(32%-131%)		
2-Methylnaphthalene	50.0			40.1	ug/L		80	(42%-116%)		
2-Nitrophenol	50.0			34.2	ug/L		68	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			38.8	ug/L		78	(43%-116%)		
4-Bromophenylphenylether	50.0			41.1	ug/L		82	(49%-125%)		
4-Chloro-3-methylphenol	50.0			34.0	ug/L		68	(35%-113%)		
4-Chloroaniline	50.0			32.3	ug/L		65	(39%-112%)		
4-Chlorophenylphenylether	50.0			41.8	ug/L		84	(48%-124%)		
4-Nitrophenol	50.0			26.9	ug/L		54	(25%-69%)		
Acenaphthene	50.0			38.6	ug/L		77	(44%-118%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
Acenaphthylene	50.0			35.3	ug/L		71	(42%-110%)	LL2	03/11/26 17:52
Acetophenone	50.0			36.5	ug/L		73	(44%-114%)		
Anthracene	50.0			38.5	ug/L		77	(49%-121%)		
Atrazine	50.0			36.8	ug/L		74	(49%-147%)		
Benzaldehyde	50.0			22.9	ug/L		46	(27%-111%)		
Benzo(a)anthracene	50.0			39.1	ug/L		78	(46%-121%)		
Benzo(a)pyrene	50.0			38.4	ug/L		77	(41%-120%)		
Benzo(b)fluoranthene	50.0			45.1	ug/L		90	(45%-126%)		
Benzo(ghi)perylene	50.0			39.3	ug/L		79	(44%-129%)		
Benzo(k)fluoranthene	50.0			40.2	ug/L		80	(44%-126%)		
Butylbenzylphthalate	50.0			45.3	ug/L		91	(47%-135%)		
Carbazole	50.0			41.2	ug/L		82	(52%-127%)		
Chrysene	50.0			39.7	ug/L		79	(46%-121%)		
Di-n-butylphthalate	50.0		B	44.3	ug/L		89	(51%-132%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
Di-n-octylphthalate	50.0			44.3	ug/L		89	(41%-132%)	LL2	03/11/26 17:52
Dibenzo(a,h)anthracene	50.0			39.8	ug/L		80	(42%-123%)		
Dibenzofuran	50.0			39.1	ug/L		78	(48%-118%)		
Diethylphthalate	50.0			41.9	ug/L		84	(51%-131%)		
Dimethylphthalate	50.0			39.0	ug/L		78	(48%-129%)		
Diphenylamine	50.0			39.2	ug/L		78	(49%-122%)		
Fluoranthene	50.0			42.0	ug/L		84	(50%-126%)		
Fluorene	50.0			39.5	ug/L		79	(48%-122%)		
Hexachlorobenzene	50.0			40.1	ug/L		80	(46%-122%)		
Hexachlorobutadiene	50.0			32.7	ug/L		65	(32%-94%)		
Hexachlorocyclopentadiene	50.0			15.3	ug/L		31	(31%-64%)		
Hexachloroethane	50.0			31.9	ug/L		64	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			39.6	ug/L		79	(40%-125%)		
Isophorone	50.0			34.2	ug/L		68	(39%-126%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
N-Nitrosodipropylamine	50.0			41.3	ug/L		83	(44%-122%)	LL2	03/11/26 17:52
Naphthalene	50.0			36.1	ug/L		72	(41%-107%)		
Nitrobenzene	50.0			36.5	ug/L		73	(42%-112%)		
Pentachlorophenol	50.0			43.5	ug/L		87	(36%-124%)		
Phenanthrene	50.0			39.8	ug/L		80	(48%-120%)		
Phenol	50.0			15.7	ug/L		31	(12%-90%)		
Pyrene	50.0			42.5	ug/L		85	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			40.1	ug/L		80	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			38.8	ug/L		78	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			37.3	ug/L		75	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			43.4	ug/L		87	(42%-132%)		
m,p-Cresols	50.0			25.5	ug/L		51	(29%-82%)		
m-Nitroaniline	50.0			37.4	ug/L		75	(44%-119%)		
o-Cresol	50.0			25.8	ug/L		52	(29%-86%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
o-Nitroaniline	50.0			48.1	ug/L		96	(45%-128%)	LL2	03/11/26 17:52
p-Nitroaniline	50.0			41.7	ug/L		83	(46%-130%)		
**2,4,6-Tribromophenol	100			71.3	ug/L		71	(28%-113%)		
**2-Fluorobiphenyl	50.0			32.5	ug/L		65	(32%-102%)		
**2-Fluorophenol	100			33.6	ug/L		34	(15%-72%)		
**Nitrobenzene-d5	50.0			32.4	ug/L		65	(31%-100%)		
**Phenol-d5	100			26.5	ug/L		26	(15%-85%)		
**p-Terphenyl-d14	50.0			31.2	ug/L		62	(20%-118%)		
QC1206402139 MB										
1,1'-Biphenyl			U	ND	ug/L					03/11/26 17:30
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
2,4-Dimethylphenol			U	ND	ug/L				LL2	03/11/26 17:30
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
4-Nitrophenol			U	ND	ug/L				LL2	03/11/26 17:30
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
Chrysene			U	ND	ug/L				LL2	03/11/26 17:30
Di-n-butylphthalate			J	0.350	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
Indeno(1,2,3-cd)pyrene			U	ND	ug/L				LL2	03/11/26 17:30
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2958798										
m-Nitroaniline			U	ND	ug/L				LL2	03/11/26 17:30
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			84.8	ug/L		85	(28%-113%)		
**2-Fluorobiphenyl	50.0			38.4	ug/L		77	(32%-102%)		
**2-Fluorophenol	100			43.3	ug/L		43	(15%-72%)		
**Nitrobenzene-d5	50.0			37.4	ug/L		75	(31%-100%)		
**Phenol-d5	100			30.2	ug/L		30	(15%-85%)		
**p-Terphenyl-d14	50.0			39.7	ug/L		79	(20%-118%)		
QC1206402141 766871001 MS										
1,1'-Biphenyl	100	U	ND	74.7	ug/L		75	(30%-119%)		03/11/26 18:36
1,2,4,5-Tetrachlorobenzene	100	U	ND	71.7	ug/L		72	(28%-109%)		
2,3,4,6-Tetrachlorophenol	100	U	ND	88.6	ug/L		89	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND	88.7	ug/L		89	(32%-128%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2958798												
2,4,6-Trichlorophenol	100	U	ND		85.0	ug/L		85	(32%-122%)	LL2	03/11/26	18:36
2,4-Dichlorophenol	100	U	ND		82.5	ug/L		82	(30%-117%)			
2,4-Dimethylphenol	100	U	ND		47.6	ug/L		48	(21%-75%)			
2,4-Dinitrophenol	100	U	ND		97.2	ug/L		97	(24%-128%)			
2,4-Dinitrotoluene	100	U	ND		88.7	ug/L		89	(36%-129%)			
2,6-Dinitrotoluene	100	U	ND		88.5	ug/L		89	(35%-126%)			
2-Chloronaphthalene	100	U	ND		89.0	ug/L		89	(31%-114%)			
2-Chlorophenol	100	U	ND		76.2	ug/L		76	(25%-106%)			
2-Methyl-4,6-dinitrophenol	100	U	ND		85.3	ug/L		85	(25%-131%)			
2-Methylnaphthalene	100	U	ND		85.5	ug/L		86	(32%-117%)			
2-Nitrophenol	100	U	ND		78.7	ug/L		79	(28%-118%)			
3,3'-Dichlorobenzidine	100	U	ND		83.6	ug/L		84	(24%-119%)			
4-Bromophenylphenylether	100	U	ND		83.2	ug/L		83	(36%-126%)			
4-Chloro-3-methylphenol	100	U	ND		88.8	ug/L		89	(32%-122%)			

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2958798												
4-Chloroaniline	100	U	ND		76.0	ug/L		76	(27%-117%)	LL2	03/11/26	18:36
4-Chlorophenylphenylether	100	U	ND		88.9	ug/L		89	(35%-126%)			
4-Nitrophenol	100	U	ND		81.2	ug/L		81	(9%-95%)			
Acenaphthene	100	U	ND		82.1	ug/L		82	(33%-118%)			
Acenaphthylene	100	U	ND		75.5	ug/L		75	(30%-112%)			
Acetophenone	100	U	ND		76.9	ug/L		77	(31%-118%)			
Anthracene	100	U	ND		79.4	ug/L		79	(35%-122%)			
Atrazine	100	U	ND		74.8	ug/L		75	(26%-158%)			
Benzaldehyde	100	U	ND		37.6	ug/L		38	(16%-109%)			
Benzo(a)anthracene	100	U	ND		79.6	ug/L		80	(33%-122%)			
Benzo(a)pyrene	100	U	ND		78.9	ug/L		79	(30%-121%)			
Benzo(b)fluoranthene	100	U	ND		91.8	ug/L		92	(33%-128%)			
Benzo(ghi)perylene	100	U	ND		83.8	ug/L		84	(31%-131%)			
Benzo(k)fluoranthene	100	U	ND		83.4	ug/L		83	(32%-128%)			

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958798											
Butylbenzylphthalate	100	U	ND		92.5	ug/L		92	(35%-136%)	LL2	03/11/26 18:36
Carbazole	100	U	ND		86.5	ug/L		86	(39%-129%)		
Chrysene	100	U	ND		80.8	ug/L		81	(34%-122%)		
Di-n-butylphthalate	100	BJ	0.430	B	90.0	ug/L		90	(36%-133%)		
Di-n-octylphthalate	100	U	ND		93.4	ug/L		93	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		83.2	ug/L		83	(30%-124%)		
Dibenzofuran	100	U	ND		83.4	ug/L		83	(36%-120%)		
Diethylphthalate	100	U	ND		89.8	ug/L		90	(37%-133%)		
Dimethylphthalate	100	U	ND		88.3	ug/L		88	(36%-131%)		
Diphenylamine	100	U	ND		81.9	ug/L		82	(33%-124%)		
Fluoranthene	100	U	ND		86.8	ug/L		87	(36%-128%)		
Fluorene	100	U	ND		84.2	ug/L		84	(35%-124%)		
Hexachlorobenzene	100	U	ND		81.7	ug/L		82	(34%-123%)		
Hexachlorobutadiene	100	U	ND		70.6	ug/L		71	(22%-97%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958798											
Hexachlorocyclopentadiene	100	U	ND		33.9	ug/L		34	(18%-65%)	LL2	03/11/26 18:36
Hexachloroethane	100	U	ND		69.2	ug/L		69	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		84.0	ug/L		84	(29%-127%)		
Isophorone	100	U	ND		72.8	ug/L		73	(27%-128%)		
N-Nitrosodipropylamine	100	U	ND		88.8	ug/L		89	(30%-128%)		
Naphthalene	100	U	ND		75.3	ug/L		75	(30%-109%)		
Nitrobenzene	100	U	ND		76.6	ug/L		77	(30%-117%)		
Pentachlorophenol	100	U	ND		94.7	ug/L		95	(30%-131%)		
Phenanthrene	100	U	ND		81.0	ug/L		81	(35%-122%)		
Phenol	100	U	ND		52.1	ug/L		52	(16%-74%)		
Pyrene	100	U	ND		88.0	ug/L		88	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		84.0	ug/L		84	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		83.1	ug/L		83	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		79.1	ug/L		79	(29%-113%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958798											
bis(2-Ethylhexyl)phthalate	100	U	ND		88.8	ug/L		89	(29%-135%)	LL2	03/11/26 18:36
m,p-Cresols	100	U	ND		85.3	ug/L		85	(21%-105%)		
m-Nitroaniline	100	U	ND		87.6	ug/L		88	(29%-127%)		
o-Cresol	100	U	ND		75.9	ug/L		76	(23%-104%)		
o-Nitroaniline	100	U	ND		105	ug/L		105	(32%-130%)		
p-Nitroaniline	100	U	ND		95.9	ug/L		96	(33%-134%)		
**2,4,6-Tribromophenol	200		74.7		163	ug/L		82	(28%-113%)		
**2-Fluorobiphenyl	100		31.4		69.5	ug/L		69	(32%-102%)		
**2-Fluorophenol	200		34.3		104	ug/L		52	(15%-72%)		
**Nitrobenzene-d5	100		29.6		66.3	ug/L		66	(31%-100%)		
**Phenol-d5	200		23.2		86.3	ug/L		43	(15%-85%)		
**p-Terphenyl-d14	100		39.9		75.0	ug/L		75	(20%-118%)		
QC1206402142 766871001 MSD											
1,1'-Biphenyl	100	U	ND		73.2	ug/L	2	73	(0%-30%)		03/11/26 18:58
1,2,4,5-Tetrachlorobenzene	100	U	ND		71.0	ug/L	1	71	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958798											
2,3,4,6-Tetrachlorophenol	100	U	ND		91.1	ug/L	3	91	(0%-30%)	LL2	03/11/26 18:58
2,4,5-Trichlorophenol	100	U	ND		86.1	ug/L	3	86	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		86.8	ug/L	2	87	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		84.3	ug/L	2	84	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		47.7	ug/L	0	48	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		104	ug/L	6	104	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		92.6	ug/L	4	93	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		90.0	ug/L	2	90	(0%-30%)		
2-Chloronaphthalene	100	U	ND		88.6	ug/L	0	89	(0%-30%)		
2-Chlorophenol	100	U	ND		79.7	ug/L	5	80	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		90.7	ug/L	6	91	(0%-30%)		
2-Methylnaphthalene	100	U	ND		86.1	ug/L	1	86	(0%-30%)		
2-Nitrophenol	100	U	ND		81.3	ug/L	3	81	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		88.4	ug/L	6	88	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2958798												
4-Bromophenylphenylether	100	U	ND		85.6	ug/L	3		86	(0%-30%)	LL2	03/11/26 18:58
4-Chloro-3-methylphenol	100	U	ND		90.0	ug/L	1		90	(0%-30%)		
4-Chloroaniline	100	U	ND		78.2	ug/L	3		78	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		87.6	ug/L	1		88	(0%-30%)		
4-Nitrophenol	100	U	ND		87.4	ug/L	7		87	(0%-30%)		
Acenaphthene	100	U	ND		80.9	ug/L	2		81	(0%-30%)		
Acenaphthylene	100	U	ND		74.1	ug/L	2		74	(0%-30%)		
Acetophenone	100	U	ND		78.2	ug/L	2		78	(0%-30%)		
Anthracene	100	U	ND		82.8	ug/L	4		83	(0%-30%)		
Atrazine	100	U	ND		75.7	ug/L	1		76	(0%-30%)		
Benzaldehyde	100	U	ND		23.1	ug/L	48	*	23	(0%-30%)		
Benzo(a)anthracene	100	U	ND		85.1	ug/L	7		85	(0%-30%)		
Benzo(a)pyrene	100	U	ND		83.9	ug/L	6		84	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		96.5	ug/L	5		97	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958798											
Benzo(ghi)perylene	100	U	ND		86.3	ug/L	3	86	(0%-30%)	LL2	03/11/26 18:58
Benzo(k)fluoranthene	100	U	ND		89.5	ug/L	7	89	(0%-30%)		
Butylbenzylphthalate	100	U	ND		96.9	ug/L	5	97	(0%-30%)		
Carbazole	100	U	ND		91.6	ug/L	6	92	(0%-30%)		
Chrysene	100	U	ND		83.6	ug/L	3	84	(0%-30%)		
Di-n-butylphthalate	100	BJ	0.430	B	95.2	ug/L	6	95	(0%-30%)		
Di-n-octylphthalate	100	U	ND		97.2	ug/L	4	97	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		86.4	ug/L	4	86	(0%-30%)		
Dibenzofuran	100	U	ND		82.6	ug/L	1	83	(0%-30%)		
Diethylphthalate	100	U	ND		91.0	ug/L	1	91	(0%-30%)		
Dimethylphthalate	100	U	ND		89.2	ug/L	1	89	(0%-30%)		
Diphenylamine	100	U	ND		85.6	ug/L	4	86	(0%-30%)		
Fluoranthene	100	U	ND		92.6	ug/L	6	93	(0%-30%)		
Fluorene	100	U	ND		83.6	ug/L	1	84	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958798											
Hexachlorobenzene	100	U	ND		85.5	ug/L	5	85	(0%-30%)	LL2	03/11/26 18:58
Hexachlorobutadiene	100	U	ND		71.8	ug/L	2	72	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		34.0	ug/L	0	34	(0%-30%)		
Hexachloroethane	100	U	ND		68.2	ug/L	2	68	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		86.3	ug/L	3	86	(0%-30%)		
Isophorone	100	U	ND		72.9	ug/L	0	73	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		88.4	ug/L	0	88	(0%-30%)		
Naphthalene	100	U	ND		76.9	ug/L	2	77	(0%-30%)		
Nitrobenzene	100	U	ND		78.5	ug/L	3	79	(0%-30%)		
Pentachlorophenol	100	U	ND		99.5	ug/L	5	100	(0%-30%)		
Phenanthrene	100	U	ND		86.1	ug/L	6	86	(0%-30%)		
Phenol	100	U	ND		56.0	ug/L	7	56	(0%-30%)		
Pyrene	100	U	ND		93.0	ug/L	6	93	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		84.3	ug/L	0	84	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2958798											
bis(2-Chloroethoxy)methane	100	U	ND		82.0	ug/L	1	82	(0%-30%)	LL2	03/11/26 18:58
bis(2-Chloroethyl) ether	100	U	ND		80.0	ug/L	1	80	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		92.6	ug/L	4	93	(0%-30%)		
m,p-Cresols	100	U	ND		79.1	ug/L	7	79	(0%-30%)		
m-Nitroaniline	100	U	ND		91.4	ug/L	4	91	(0%-30%)		
o-Cresol	100	U	ND		78.5	ug/L	3	79	(0%-30%)		
o-Nitroaniline	100	U	ND		107	ug/L	2	107	(0%-30%)		
p-Nitroaniline	100	U	ND		101	ug/L	5	101	(0%-30%)		
**2,4,6-Tribromophenol	200		74.7		169	ug/L		84	(28%-113%)		
**2-Fluorobiphenyl	100		31.4		69.3	ug/L		69	(32%-102%)		
**2-Fluorophenol	200		34.3		111	ug/L		55	(15%-72%)		
**Nitrobenzene-d5	100		29.6		70.1	ug/L		70	(31%-100%)		
**Phenol-d5	200		23.2		92.5	ug/L		46	(15%-85%)		
**p-Terphenyl-d14	100		39.9		81.9	ug/L		82	(20%-118%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
QC1206406105 LCS										
1,1'-Biphenyl	50.0			33.0	ug/L		66	(45%-114%)	LL2	03/16/26 13:11
1,2,4,5-Tetrachlorobenzene	50.0			29.0	ug/L		58	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			36.2	ug/L		72	(41%-119%)		
2,4,5-Trichlorophenol	50.0			33.3	ug/L		67	(42%-122%)		
2,4,6-Trichlorophenol	50.0			34.2	ug/L		68	(40%-119%)		
2,4-Dichlorophenol	50.0			29.1	ug/L		58	(36%-111%)		
2,4-Dimethylphenol	50.0			18.5	ug/L		37	(31%-68%)		
2,4-Dinitrophenol	50.0			29.0	ug/L		58	(30%-120%)		
2,4-Dinitrotoluene	50.0			40.6	ug/L		81	(48%-128%)		
2,6-Dinitrotoluene	50.0			39.2	ug/L		78	(47%-124%)		
2-Chloronaphthalene	50.0			34.9	ug/L		70	(41%-113%)		
2-Chlorophenol	50.0			24.2	ug/L		48	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			37.1	ug/L		74	(32%-131%)		
2-Methylnaphthalene	50.0			38.4	ug/L		77	(42%-116%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
2-Nitrophenol	50.0			28.5	ug/L		57	(36%-115%)	LL2	03/16/26 13:11
3,3'-Dichlorobenzidine	50.0			35.6	ug/L		71	(43%-116%)		
4-Bromophenylphenylether	50.0			38.1	ug/L		76	(49%-125%)		
4-Chloro-3-methylphenol	50.0			30.4	ug/L		61	(35%-113%)		
4-Chloroaniline	50.0			30.9	ug/L		62	(39%-112%)		
4-Chlorophenylphenylether	50.0			39.5	ug/L		79	(48%-124%)		
4-Nitrophenol	50.0			10.3	ug/L		21*	(25%-69%)		
Acenaphthene	50.0			36.0	ug/L		72	(44%-118%)		
Acenaphthylene	50.0			34.2	ug/L		68	(42%-110%)		
Acetophenone	50.0			34.6	ug/L		69	(44%-114%)		
Anthracene	50.0			40.7	ug/L		81	(49%-121%)		
Atrazine	50.0			39.1	ug/L		78	(49%-147%)		
Benzaldehyde	50.0			29.7	ug/L		59	(27%-111%)		
Benzo(a)anthracene	50.0			36.7	ug/L		73	(46%-121%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Benzo(a)pyrene	50.0			35.2	ug/L		70	(41%-120%)	LL2	03/16/26 13:11
Benzo(b)fluoranthene	50.0			37.9	ug/L		76	(45%-126%)		
Benzo(ghi)perylene	50.0			39.5	ug/L		79	(44%-129%)		
Benzo(k)fluoranthene	50.0			37.5	ug/L		75	(44%-126%)		
Butylbenzylphthalate	50.0			40.1	ug/L		80	(47%-135%)		
Carbazole	50.0			43.1	ug/L		86	(52%-127%)		
Chrysene	50.0			36.8	ug/L		74	(46%-121%)		
Di-n-butylphthalate	50.0			43.4	ug/L		87	(51%-132%)		
Di-n-octylphthalate	50.0			35.0	ug/L		70	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			36.4	ug/L		73	(42%-123%)		
Dibenzofuran	50.0			38.5	ug/L		77	(48%-118%)		
Diethylphthalate	50.0			40.8	ug/L		82	(51%-131%)		
Dimethylphthalate	50.0			38.6	ug/L		77	(48%-129%)		
Diphenylamine	50.0			40.2	ug/L		80	(49%-122%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Fluoranthene	50.0			42.6	ug/L		85	(50%-126%)	LL2	03/16/26 13:11
Fluorene	50.0			39.2	ug/L		78	(48%-122%)		
Hexachlorobenzene	50.0			37.9	ug/L		76	(46%-122%)		
Hexachlorobutadiene	50.0			27.0	ug/L		54	(32%-94%)		
Hexachlorocyclopentadiene	50.0			12.4	ug/L		25*	(31%-64%)		
Hexachloroethane	50.0			28.5	ug/L		57	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			36.2	ug/L		72	(40%-125%)		
Isophorone	50.0			37.0	ug/L		74	(39%-126%)		
N-Nitrosodipropylamine	50.0			38.0	ug/L		76	(44%-122%)		
Naphthalene	50.0			35.3	ug/L		71	(41%-107%)		
Nitrobenzene	50.0			33.6	ug/L		67	(42%-112%)		
Pentachlorophenol	50.0			41.6	ug/L		83	(36%-124%)		
Phenanthrene	50.0			39.3	ug/L		79	(48%-120%)		
Phenol	50.0			12.4	ug/L		25	(12%-90%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Pyrene	50.0			42.7	ug/L		85	(51%-127%)	LL2	03/16/26 13:11
bis(2-Chloro-1-methylethyl)ether	50.0			38.5	ug/L		77	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			37.0	ug/L		74	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			34.4	ug/L		69	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			35.7	ug/L		71	(42%-132%)		
m,p-Cresols	50.0			21.9	ug/L		44	(29%-82%)		
m-Nitroaniline	50.0			32.5	ug/L		65	(44%-119%)		
o-Cresol	50.0			21.8	ug/L		44	(29%-86%)		
o-Nitroaniline	50.0			36.4	ug/L		73	(45%-128%)		
p-Nitroaniline	50.0			33.6	ug/L		67	(46%-130%)		
**2,4,6-Tribromophenol	100			68.9	ug/L		69	(28%-113%)		
**2-Fluorobiphenyl	50.0			33.8	ug/L		68	(32%-102%)		
**2-Fluorophenol	100			26.4	ug/L		26	(15%-72%)		
**Nitrobenzene-d5	50.0			29.5	ug/L		59	(31%-100%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
**Phenol-d5	100			22.1	ug/L		22	(15%-85%)	LL2	03/16/26 13:11
**p-Terphenyl-d14	50.0			29.5	ug/L		59	(20%-118%)		
QC1206406104 MB										
1,1'-Biphenyl			U	ND	ug/L					03/16/26 12:47
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
2-Methyl-4,6-dinitrophenol			U	ND	ug/L				LL2	03/16/26 12:47
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Benzaldehyde			U	ND	ug/L				LL2	03/16/26 12:47
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Dimethylphthalate			U	ND	ug/L				LL2	03/16/26 12:47
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2960812										
Phenanthrene			U	ND	ug/L				LL2	03/16/26 12:47
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			56.9	ug/L		57	(28%-113%)		
**2-Fluorobiphenyl	50.0			31.0	ug/L		62	(32%-102%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
**2-Fluorophenol	100				27.1	ug/L		27	(15%-72%)	LL2	03/16/26 12:47
**Nitrobenzene-d5	50.0				24.7	ug/L		49	(31%-100%)		
**Phenol-d5	100				19.9	ug/L		20	(15%-85%)		
**p-Terphenyl-d14	50.0				29.2	ug/L		58	(20%-118%)		
QC1206406106 768118002 MS											
1,1'-Biphenyl	116	U	ND		97.7	ug/L		84	(30%-119%)		03/16/26 15:33
1,2,4,5-Tetrachlorobenzene	116	U	ND		86.8	ug/L		75	(28%-109%)		
2,3,4,6-Tetrachlorophenol	116	U	ND		114	ug/L		98	(31%-125%)		
2,4,5-Trichlorophenol	116	U	ND		112	ug/L		97	(32%-128%)		
2,4,6-Trichlorophenol	116	U	ND		113	ug/L		97	(32%-122%)		
2,4-Dichlorophenol	116	U	ND		110	ug/L		94	(30%-117%)		
2,4-Dimethylphenol	116	U	ND		71.2	ug/L		61	(21%-75%)		
2,4-Dinitrophenol	116	U	ND		101	ug/L		86	(24%-128%)		
2,4-Dinitrotoluene	116	U	ND		114	ug/L		98	(36%-129%)		
2,6-Dinitrotoluene	116	U	ND		113	ug/L		97	(35%-126%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
2-Chloronaphthalene	116	U	ND		103	ug/L		88	(31%-114%)	LL2	03/16/26 15:33
2-Chlorophenol	116	U	ND		97.9	ug/L		84	(25%-106%)		
2-Methyl-4,6-dinitrophenol	116	U	ND		111	ug/L		96	(25%-131%)		
2-Methylnaphthalene	116	U	ND		111	ug/L		96	(32%-117%)		
2-Nitrophenol	116	U	ND		106	ug/L		91	(28%-118%)		
3,3'-Dichlorobenzidine	116	U	ND		99.1	ug/L		85	(24%-119%)		
4-Bromophenylphenylether	116	U	ND		106	ug/L		91	(36%-126%)		
4-Chloro-3-methylphenol	116	U	ND		110	ug/L		95	(32%-122%)		
4-Chloroaniline	116	U	ND		99.2	ug/L		85	(27%-117%)		
4-Chlorophenylphenylether	116	U	ND		112	ug/L		96	(35%-126%)		
4-Nitrophenol	116	U	ND		56.5	ug/L		49	(9%-95%)		
Acenaphthene	116	U	ND		105	ug/L		90	(33%-118%)		
Acenaphthylene	116	U	ND		102	ug/L		88	(30%-112%)		
Acetophenone	116	U	ND		104	ug/L		89	(31%-118%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
Anthracene	116	U	ND		110	ug/L		95	(35%-122%)	LL2	03/16/26 15:33
Atrazine	116	U	ND		109	ug/L		94	(26%-158%)		
Benzaldehyde	116	U	ND		90.7	ug/L		78	(16%-109%)		
Benzo(a)anthracene	116	U	ND		103	ug/L		89	(33%-122%)		
Benzo(a)pyrene	116	U	ND		102	ug/L		88	(30%-121%)		
Benzo(b)fluoranthene	116	U	ND		110	ug/L		94	(33%-128%)		
Benzo(ghi)perylene	116	U	ND		115	ug/L		99	(31%-131%)		
Benzo(k)fluoranthene	116	U	ND		106	ug/L		91	(32%-128%)		
Butylbenzylphthalate	116	U	ND		116	ug/L		100	(35%-136%)		
Carbazole	116	U	ND		118	ug/L		101	(39%-129%)		
Chrysene	116	U	ND		103	ug/L		89	(34%-122%)		
Di-n-butylphthalate	116	U	ND		119	ug/L		103	(36%-133%)		
Di-n-octylphthalate	116	U	ND		114	ug/L		98	(29%-136%)		
Dibenzo(a,h)anthracene	116	U	ND		111	ug/L		96	(30%-124%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
Dibenzofuran	116	U	ND		111	ug/L		95	(36%-120%)	LL2	03/16/26 15:33
Diethylphthalate	116	U	ND		114	ug/L		98	(37%-133%)		
Dimethylphthalate	116	U	ND		111	ug/L		96	(36%-131%)		
Diphenylamine	116	U	ND		111	ug/L		95	(33%-124%)		
Fluoranthene	116	U	ND		116	ug/L		99	(36%-128%)		
Fluorene	116	U	ND		111	ug/L		95	(35%-124%)		
Hexachlorobenzene	116	U	ND		107	ug/L		92	(34%-123%)		
Hexachlorobutadiene	116	U	ND		81.9	ug/L		70	(22%-97%)		
Hexachlorocyclopentadiene	116	U	ND		38.7	ug/L		33	(18%-65%)		
Hexachloroethane	116	U	ND		81.4	ug/L		70	(20%-91%)		
Indeno(1,2,3-cd)pyrene	116	U	ND		108	ug/L		93	(29%-127%)		
Isophorone	116	U	ND		112	ug/L		96	(27%-128%)		
N-Nitrosodipropylamine	116	U	ND		115	ug/L		99	(30%-128%)		
Naphthalene	116	U	ND		104	ug/L		90	(30%-109%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2960812											
Nitrobenzene	116	U	ND		105	ug/L		90	(30%-117%)	LL2	03/16/26 15:33
Pentachlorophenol	116	U	ND		130	ug/L		112	(30%-131%)		
Phenanthrene	116	U	ND		108	ug/L		93	(35%-122%)		
Phenol	116	U	ND		66.9	ug/L		58	(16%-74%)		
Pyrene	116	U	ND		114	ug/L		98	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	116	U	ND		116	ug/L		99	(19%-144%)		
bis(2-Chloroethoxy)methane	116	U	ND		112	ug/L		97	(31%-117%)		
bis(2-Chloroethyl) ether	116	U	ND		106	ug/L		91	(29%-113%)		
bis(2-Ethylhexyl)phthalate	116	U	ND		110	ug/L		95	(29%-135%)		
m,p-Cresols	116	U	ND		99.4	ug/L		85	(21%-105%)		
m-Nitroaniline	116	U	ND		106	ug/L		91	(29%-127%)		
o-Cresol	116	U	ND		99.0	ug/L		85	(23%-104%)		
o-Nitroaniline	116	U	ND		106	ug/L		92	(32%-130%)		
p-Nitroaniline	116	U	ND		101	ug/L		87	(33%-134%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
**2,4,6-Tribromophenol	233		53.8		213	ug/L			91	(28%-113%)	LL2	03/16/26 15:33
**2-Fluorobiphenyl	116		24.4		96.2	ug/L			83	(32%-102%)		
**2-Fluorophenol	233		22.6		131	ug/L			56	(15%-72%)		
**Nitrobenzene-d5	116		22.5		91.4	ug/L			79	(31%-100%)		
**Phenol-d5	233		17.3		121	ug/L			52	(15%-85%)		
**p-Terphenyl-d14	116		18.8		89.5	ug/L			77	(20%-118%)		
QC1206406107 768118002 MSD												
1,1'-Biphenyl	116	U	ND		73.2	ug/L	29		63	(0%-30%)		03/16/26 15:57
1,2,4,5-Tetrachlorobenzene	116	U	ND		62.4	ug/L	33	*	54	(0%-30%)		
2,3,4,6-Tetrachlorophenol	116	U	ND		75.5	ug/L	40	*	65	(0%-30%)		
2,4,5-Trichlorophenol	116	U	ND		70.8	ug/L	45	*	61	(0%-30%)		
2,4,6-Trichlorophenol	116	U	ND		73.7	ug/L	42	*	63	(0%-30%)		
2,4-Dichlorophenol	116	U	ND		65.7	ug/L	50	*	56	(0%-30%)		
2,4-Dimethylphenol	116	U	ND		41.0	ug/L	54	*	35	(0%-30%)		
2,4-Dinitrophenol	116	U	ND		63.5	ug/L	45	*	55	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2960812													
2,4-Dinitrotoluene	116	U	ND		90.1	ug/L	23		78	(0%-30%)	LL2	03/16/26	15:57
2,6-Dinitrotoluene	116	U	ND		89.0	ug/L	23		77	(0%-30%)			
2-Chloronaphthalene	116	U	ND		75.6	ug/L	31	*	65	(0%-30%)			
2-Chlorophenol	116	U	ND		50.8	ug/L	63	*	44	(0%-30%)			
2-Methyl-4,6-dinitrophenol	116	U	ND		74.0	ug/L	40	*	64	(0%-30%)			
2-Methylnaphthalene	116	U	ND		84.4	ug/L	27		73	(0%-30%)			
2-Nitrophenol	116	U	ND		65.3	ug/L	47	*	56	(0%-30%)			
3,3'-Dichlorobenzidine	116	U	ND		74.0	ug/L	29		64	(0%-30%)			
4-Bromophenylphenylether	116	U	ND		81.4	ug/L	26		70	(0%-30%)			
4-Chloro-3-methylphenol	116	U	ND		63.7	ug/L	53	*	55	(0%-30%)			
4-Chloroaniline	116	U	ND		80.3	ug/L	21		69	(0%-30%)			
4-Chlorophenylphenylether	116	U	ND		85.4	ug/L	27		73	(0%-30%)			
4-Nitrophenol	116	U	ND		26.3	ug/L	73	*	23	(0%-30%)			
Acenaphthene	116	U	ND		79.1	ug/L	28		68	(0%-30%)			

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
Acenaphthylene	116	U	ND		77.5	ug/L	27		67	(0%-30%)	LL2	03/16/26 15:57
Acetophenone	116	U	ND		78.6	ug/L	28		68	(0%-30%)		
Anthracene	116	U	ND		84.9	ug/L	26		73	(0%-30%)		
Atrazine	116	U	ND		88.1	ug/L	22		76	(0%-30%)		
Benzaldehyde	116	U	ND		67.9	ug/L	29		58	(0%-30%)		
Benzo(a)anthracene	116	U	ND		75.4	ug/L	31	*	65	(0%-30%)		
Benzo(a)pyrene	116	U	ND		71.5	ug/L	35	*	61	(0%-30%)		
Benzo(b)fluoranthene	116	U	ND		78.8	ug/L	33	*	68	(0%-30%)		
Benzo(ghi)perylene	116	U	ND		82.3	ug/L	33	*	71	(0%-30%)		
Benzo(k)fluoranthene	116	U	ND		78.1	ug/L	30		67	(0%-30%)		
Butylbenzylphthalate	116	U	ND		86.7	ug/L	29		75	(0%-30%)		
Carbazole	116	U	ND		93.9	ug/L	23		81	(0%-30%)		
Chrysene	116	U	ND		75.7	ug/L	31	*	65	(0%-30%)		
Di-n-butylphthalate	116	U	ND		89.4	ug/L	29		77	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2960812													
Di-n-octylphthalate	116	U	ND		79.0	ug/L	37	*	68	(0%-30%)	LL2	03/16/26	15:57
Dibenzo(a,h)anthracene	116	U	ND		79.1	ug/L	34	*	68	(0%-30%)			
Dibenzofuran	116	U	ND		85.4	ug/L	26		73	(0%-30%)			
Diethylphthalate	116	U	ND		87.6	ug/L	26		75	(0%-30%)			
Dimethylphthalate	116	U	ND		81.3	ug/L	31	*	70	(0%-30%)			
Diphenylamine	116	U	ND		86.1	ug/L	25		74	(0%-30%)			
Fluoranthene	116	U	ND		87.2	ug/L	28		75	(0%-30%)			
Fluorene	116	U	ND		86.3	ug/L	25		74	(0%-30%)			
Hexachlorobenzene	116	U	ND		77.5	ug/L	32	*	67	(0%-30%)			
Hexachlorobutadiene	116	U	ND		54.4	ug/L	40	*	47	(0%-30%)			
Hexachlorocyclopentadiene	116	U	ND		23.8	ug/L	48	*	20	(0%-30%)			
Hexachloroethane	116	U	ND		57.7	ug/L	34	*	50	(0%-30%)			
Indeno(1,2,3-cd)pyrene	116	U	ND		76.3	ug/L	34	*	66	(0%-30%)			
Isophorone	116	U	ND		86.3	ug/L	26		74	(0%-30%)			

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
N-Nitrosodipropylamine	116	U	ND		87.1	ug/L	27		75	(0%-30%)	LL2	03/16/26 15:57
Naphthalene	116	U	ND		79.6	ug/L	27		68	(0%-30%)		
Nitrobenzene	116	U	ND		81.2	ug/L	26		70	(0%-30%)		
Pentachlorophenol	116	U	ND		84.0	ug/L	43	*	72	(0%-30%)		
Phenanthrene	116	U	ND		82.7	ug/L	26		71	(0%-30%)		
Phenol	116	U	ND		33.3	ug/L	67	*	29	(0%-30%)		
Pyrene	116	U	ND		85.3	ug/L	29		73	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	116	U	ND		85.9	ug/L	30		74	(0%-30%)		
bis(2-Chloroethoxy)methane	116	U	ND		87.0	ug/L	25		75	(0%-30%)		
bis(2-Chloroethyl) ether	116	U	ND		80.7	ug/L	27		69	(0%-30%)		
bis(2-Ethylhexyl)phthalate	116	U	ND		78.1	ug/L	34	*	67	(0%-30%)		
m,p-Cresols	116	U	ND		48.7	ug/L	68	*	42	(0%-30%)		
m-Nitroaniline	116	U	ND		81.5	ug/L	26		70	(0%-30%)		
o-Cresol	116	U	ND		48.3	ug/L	69	*	42	(0%-30%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2960812												
o-Nitroaniline	116	U	ND		82.5	ug/L	25		71	(0%-30%)	LL2	03/16/26 15:57
p-Nitroaniline	116	U	ND		69.5	ug/L	37	*	60	(0%-30%)		
**2,4,6-Tribromophenol	233		53.8		141	ug/L			61	(28%-113%)		
**2-Fluorobiphenyl	116		24.4		72.0	ug/L			62	(32%-102%)		
**2-Fluorophenol	233		22.6		60.4	ug/L			26	(15%-72%)		
**Nitrobenzene-d5	116		22.5		69.7	ug/L			60	(31%-100%)		
**Phenol-d5	233		17.3		61.6	ug/L			26	(15%-85%)		
**p-Terphenyl-d14	116		18.8		53.0	ug/L			46	(20%-118%)		
Spectrometric Analysis												
Batch 2957174												
QC1206398995 766977002 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A				BR2	03/05/26 17:32
QC1206398994 LCS												
Hexavalent Chromium	0.0472				0.0502	mg/L			106	(85%-115%)		03/05/26 17:32
QC1206398993 MB												
Hexavalent Chromium				U	ND	mg/L						03/05/26 17:32
QC1206398996 766977002 MS												
Hexavalent Chromium	0.0472	U	ND		0.0524	mg/L			108	(85%-115%)		03/05/26 17:32

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
QC1206409920 LCS										
1,1,1-Trichloroethane	50.0			42.8	ug/L		86	(70%-130%)	JM6	03/17/26 10:26
1,1,2,2-Tetrachloroethane	50.0			48.8	ug/L		98	(70%-130%)		
1,1,2-Trichloroethane	50.0			44.2	ug/L		88	(70%-130%)		
1,1-Dichloroethane	50.0			45.4	ug/L		91	(70%-130%)		
1,1-Dichloroethylene	50.0			50.7	ug/L		101	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			47.3	ug/L		95	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			46.3	ug/L		93	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			46.3	ug/L		93	(70%-130%)		
1,2-Dibromoethane	50.0			46.3	ug/L		93	(70%-130%)		
1,2-Dichlorobenzene	50.0			46.7	ug/L		93	(70%-130%)		
1,2-Dichloroethane	50.0			41.4	ug/L		83	(70%-130%)		
1,2-Dichloropropane	50.0			45.4	ug/L		91	(70%-130%)		
1,3-Dichlorobenzene	50.0			43.2	ug/L		86	(70%-130%)		
1,4-Dichlorobenzene	50.0			42.0	ug/L		84	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
2-Butanone	250			240	ug/L		96	(70%-130%)	JM6	03/17/26 10:26
2-Hexanone	250			272	ug/L		109	(70%-130%)		
4-Methyl-2-pentanone	250			261	ug/L		104	(70%-130%)		
Acetone	250			231	ug/L		92	(70%-130%)		
Benzene	50.0			42.3	ug/L		85	(70%-130%)		
Bromochloromethane	50.0			44.6	ug/L		89	(70%-130%)		
Bromodichloromethane	50.0			46.8	ug/L		94	(70%-130%)		
Bromoform	50.0			37.3	ug/L		75	(70%-130%)		
Bromomethane	50.0			50.4	ug/L		101	(70%-130%)		
Carbon disulfide	250			261	ug/L		105	(70%-130%)		
Carbon tetrachloride	50.0			43.2	ug/L		86	(70%-130%)		
Chlorobenzene	50.0			41.4	ug/L		83	(70%-130%)		
Chloroethane	50.0			50.6	ug/L		101	(70%-130%)		
Chloroform	50.0			43.0	ug/L		86	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Chloromethane	50.0			43.1	ug/L		86	(70%-130%)	JM6	03/17/26 10:26
Cyclohexane	50.0			44.7	ug/L		89	(70%-130%)		
Dibromochloromethane	50.0			39.2	ug/L		78	(70%-130%)		
Dichlorodifluoromethane	50.0			41.4	ug/L		83	(70%-130%)		
Ethylbenzene	50.0			42.9	ug/L		86	(70%-130%)		
Isopropylbenzene	50.0			48.3	ug/L		97	(70%-130%)		
Methyl acetate	250			237	ug/L		95	(70%-130%)		
Methylcyclohexane	50.0			44.0	ug/L		88	(70%-130%)		
Methylene chloride	50.0			41.9	ug/L		84	(70%-130%)		
Styrene	50.0			46.1	ug/L		92	(70%-130%)		
Tetrachloroethylene	50.0			41.8	ug/L		84	(70%-130%)		
Toluene	50.0			42.7	ug/L		85	(70%-130%)		
Trichloroethylene	50.0			42.0	ug/L		84	(70%-130%)		
Trichlorofluoromethane	50.0			42.8	ug/L		86	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Vinyl chloride	50.0			45.0	ug/L		90	(70%-130%)	JM6	03/17/26 10:26
cis-1,2-Dichloroethylene	50.0			41.6	ug/L		83	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			48.0	ug/L		96	(70%-130%)		
m,p-Xylenes	100			87.4	ug/L		87	(70%-130%)		
o-Xylene	50.0			44.2	ug/L		88	(70%-130%)		
tert-Butyl methyl ether	50.0			40.8	ug/L		82	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			45.2	ug/L		90	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			49.7	ug/L		99	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			49.9	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0			48.8	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			49.3	ug/L		99	(77%-121%)		
QC1206409924 LCS										
1,4-Dioxane	2500		E	3230	ug/L		129	(70%-130%)		03/17/26 10:53
Trichlorotrifluoroethane	250			236	ug/L		94	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			50.9	ug/L		102	(71%-131%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
**Bromofluorobenzene	50.0			54.1	ug/L		108	(77%-123%)	JM6	03/17/26 10:53
**Toluene-d8	50.0			49.6	ug/L		99	(77%-121%)		
QC1206412444 LCS										
1,1,1-Trichloroethane	50.0			50.3	ug/L		101	(70%-130%)		03/18/26 09:09
1,1,2,2-Tetrachloroethane	50.0			47.3	ug/L		95	(70%-130%)		
1,1,2-Trichloroethane	50.0			47.2	ug/L		94	(70%-130%)		
1,1-Dichloroethane	50.0			48.1	ug/L		96	(70%-130%)		
1,1-Dichloroethylene	50.0			63.5	ug/L		127	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			56.9	ug/L		114	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			49.4	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			45.9	ug/L		92	(70%-130%)		
1,2-Dibromoethane	50.0			49.7	ug/L		99	(70%-130%)		
1,2-Dichlorobenzene	50.0			43.8	ug/L		88	(70%-130%)		
1,2-Dichloroethane	50.0			43.8	ug/L		88	(70%-130%)		
1,2-Dichloropropane	50.0			45.9	ug/L		92	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
1,3-Dichlorobenzene	50.0			45.3	ug/L		91	(70%-130%)	JM6	03/18/26 09:09
1,4-Dichlorobenzene	50.0			44.4	ug/L		89	(70%-130%)		
2-Butanone	250			268	ug/L		107	(70%-130%)		
2-Hexanone	250			276	ug/L		110	(70%-130%)		
4-Methyl-2-pentanone	250			264	ug/L		106	(70%-130%)		
Acetone	250			261	ug/L		105	(70%-130%)		
Benzene	50.0			45.9	ug/L		92	(70%-130%)		
Bromochloromethane	50.0			46.3	ug/L		93	(70%-130%)		
Bromodichloromethane	50.0			48.7	ug/L		97	(70%-130%)		
Bromoform	50.0			37.9	ug/L		76	(70%-130%)		
Bromomethane	50.0			55.7	ug/L		111	(70%-130%)		
Carbon disulfide	250			346	ug/L		138*	(70%-130%)		
Carbon tetrachloride	50.0			51.3	ug/L		103	(70%-130%)		
Chlorobenzene	50.0			44.6	ug/L		89	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Chloroethane	50.0			59.9	ug/L		120	(70%-130%)	JM6	03/18/26 09:09
Chloroform	50.0			46.2	ug/L		92	(70%-130%)		
Chloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Cyclohexane	50.0			51.8	ug/L		104	(70%-130%)		
Dibromochloromethane	50.0			41.4	ug/L		83	(70%-130%)		
Dichlorodifluoromethane	50.0			48.8	ug/L		98	(70%-130%)		
Ethylbenzene	50.0			45.1	ug/L		90	(70%-130%)		
Isopropylbenzene	50.0			49.1	ug/L		98	(70%-130%)		
Methyl acetate	250			262	ug/L		105	(70%-130%)		
Methylcyclohexane	50.0			48.7	ug/L		97	(70%-130%)		
Methylene chloride	50.0			52.3	ug/L		105	(70%-130%)		
Styrene	50.0			47.3	ug/L		95	(70%-130%)		
Tetrachloroethylene	50.0			47.5	ug/L		95	(70%-130%)		
Toluene	50.0			45.7	ug/L		91	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Trichloroethylene	50.0			46.6	ug/L		93	(70%-130%)	JM6	03/18/26 09:09
Trichlorofluoromethane	50.0			52.7	ug/L		105	(70%-130%)		
Vinyl chloride	50.0			51.9	ug/L		104	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			47.3	ug/L		95	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			49.6	ug/L		99	(70%-130%)		
m,p-Xylenes	100			92.5	ug/L		93	(70%-130%)		
o-Xylene	50.0			46.1	ug/L		92	(70%-130%)		
tert-Butyl methyl ether	50.0			44.9	ug/L		90	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			48.8	ug/L		98	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			50.7	ug/L		101	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			48.7	ug/L		97	(71%-131%)		
**Bromofluorobenzene	50.0			48.5	ug/L		97	(77%-123%)		
**Toluene-d8	50.0			49.7	ug/L		99	(77%-121%)		
QC1206412445 LCS										
1,4-Dioxane	2500		E	3230	ug/L		129	(70%-130%)		03/18/26 10:02

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Trichlorotrifluoroethane	250			230	ug/L		92	(70%-130%)	JM6	03/18/26 10:02
**1,2-Dichloroethane-d4	50.0			48.3	ug/L		97	(71%-131%)		
**Bromofluorobenzene	50.0			53.1	ug/L		106	(77%-123%)		
**Toluene-d8	50.0			49.1	ug/L		98	(77%-121%)		
QC1206412446 LCS										
1,1,1-Trichloroethane	50.0			43.3	ug/L		87	(70%-130%)		03/18/26 23:47
1,1,2,2-Tetrachloroethane	50.0			45.0	ug/L		90	(70%-130%)		
1,1,2-Trichloroethane	50.0			44.4	ug/L		89	(70%-130%)		
1,1-Dichloroethane	50.0			43.4	ug/L		87	(70%-130%)		
1,1-Dichloroethylene	50.0			54.9	ug/L		110	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			52.8	ug/L		106	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			47.7	ug/L		95	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			48.0	ug/L		96	(70%-130%)		
1,2-Dibromoethane	50.0			47.1	ug/L		94	(70%-130%)		
1,2-Dichlorobenzene	50.0			42.0	ug/L		84	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
1,2-Dichloroethane	50.0			42.7	ug/L		85	(70%-130%)	JM6	03/18/26 23:47
1,2-Dichloropropane	50.0			43.2	ug/L		86	(70%-130%)		
1,3-Dichlorobenzene	50.0			40.5	ug/L		81	(70%-130%)		
1,4-Dichlorobenzene	50.0			39.2	ug/L		78	(70%-130%)		
2-Butanone	250			263	ug/L		105	(70%-130%)		
2-Hexanone	250			256	ug/L		102	(70%-130%)		
4-Methyl-2-pentanone	250			248	ug/L		99	(70%-130%)		
Acetone	250			262	ug/L		105	(70%-130%)		
Benzene	50.0			41.1	ug/L		82	(70%-130%)		
Bromochloromethane	50.0			44.5	ug/L		89	(70%-130%)		
Bromodichloromethane	50.0			46.3	ug/L		93	(70%-130%)		
Bromoform	50.0			38.1	ug/L		76	(70%-130%)		
Bromomethane	50.0			39.9	ug/L		80	(70%-130%)		
Carbon disulfide	250			297	ug/L		119	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Carbon tetrachloride	50.0			42.6	ug/L		85	(70%-130%)	JM6	03/18/26 23:47
Chlorobenzene	50.0			40.0	ug/L		80	(70%-130%)		
Chloroethane	50.0			47.4	ug/L		95	(70%-130%)		
Chloroform	50.0			42.4	ug/L		85	(70%-130%)		
Chloromethane	50.0			36.6	ug/L		73	(70%-130%)		
Cyclohexane	50.0			43.3	ug/L		87	(70%-130%)		
Dibromochloromethane	50.0			39.4	ug/L		79	(70%-130%)		
Dichlorodifluoromethane	50.0			34.9	ug/L		70	(70%-130%)		
Ethylbenzene	50.0			38.3	ug/L		77	(70%-130%)		
Isopropylbenzene	50.0			41.7	ug/L		83	(70%-130%)		
Methyl acetate	250			259	ug/L		104	(70%-130%)		
Methylcyclohexane	50.0			39.6	ug/L		79	(70%-130%)		
Methylene chloride	50.0			50.0	ug/L		100	(70%-130%)		
Styrene	50.0			42.5	ug/L		85	(70%-130%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Tetrachloroethylene	50.0			38.2	ug/L		76	(70%-130%)	JM6	03/18/26 23:47
Toluene	50.0			38.8	ug/L		78	(70%-130%)		
Trichloroethylene	50.0			40.5	ug/L		81	(70%-130%)		
Trichlorofluoromethane	50.0			39.4	ug/L		79	(70%-130%)		
Vinyl chloride	50.0			36.9	ug/L		74	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			42.6	ug/L		85	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			46.5	ug/L		93	(70%-130%)		
m,p-Xylenes	100			78.0	ug/L		78	(70%-130%)		
o-Xylene	50.0			40.1	ug/L		80	(70%-130%)		
tert-Butyl methyl ether	50.0			44.5	ug/L		89	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			43.4	ug/L		87	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			46.9	ug/L		94	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			48.9	ug/L		98	(71%-131%)		
**Bromofluorobenzene	50.0			49.6	ug/L		99	(77%-123%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
**Toluene-d8	50.0			46.9	ug/L		94	(77%-121%)	JM6	03/18/26 23:47
QC1206409921 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/17/26 12:13
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
1,4-Dichlorobenzene			U	ND	ug/L				JM6	03/17/26 12:13
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Chloroethane			U	ND	ug/L				JM6	03/17/26 12:13
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Trichloroethylene			U	ND	ug/L				JM6	03/17/26 12:13
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			51.1	ug/L		102	(71%-131%)		
**Bromofluorobenzene	50.0			51.0	ug/L		102	(77%-123%)		
**Toluene-d8	50.0			50.2	ug/L		100	(77%-121%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
QC1206412447 MB										
1,1,1-Trichloroethane			U	ND	ug/L				JM6	03/18/26 11:22
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2962900											
1,4-Dioxane			U	ND	ug/L				JM6	03/18/26	11:22
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						
Bromodichloromethane			U	ND	ug/L						
Bromoform			U	ND	ug/L						
Bromomethane			U	ND	ug/L						
Carbon disulfide			U	ND	ug/L						
Carbon tetrachloride			U	ND	ug/L						
Chlorobenzene			U	ND	ug/L						
Chloroethane			U	ND	ug/L						

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2962900											
Chloroform			U	ND	ug/L				JM6	03/18/26	11:22
Chloromethane			U	ND	ug/L						
Cyclohexane			U	ND	ug/L						
Dibromochloromethane			U	ND	ug/L						
Dichlorodifluoromethane			U	ND	ug/L						
Ethylbenzene			U	ND	ug/L						
Isopropylbenzene			U	ND	ug/L						
Methyl acetate			U	ND	ug/L						
Methylcyclohexane			U	ND	ug/L						
Methylene chloride			U	ND	ug/L						
Styrene			U	ND	ug/L						
Tetrachloroethylene			U	ND	ug/L						
Toluene			U	ND	ug/L						
Trichloroethylene			U	ND	ug/L						

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Trichlorofluoromethane			U	ND	ug/L				JM6	03/18/26 11:22
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			50.1	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0			49.7	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			48.8	ug/L		98	(77%-121%)		
QC1206412448 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/19/26 01:33

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2962900											
1,1,2,2-Tetrachloroethane			U	ND	ug/L				JM6	03/19/26	01:33
1,1,2-Trichloroethane			U	ND	ug/L						
1,1-Dichloroethane			U	ND	ug/L						
1,1-Dichloroethylene			U	ND	ug/L						
1,2,3-Trichlorobenzene			U	ND	ug/L						
1,2,4-Trichlorobenzene			U	ND	ug/L						
1,2-Dibromo-3-chloropropane			U	ND	ug/L						
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2962900											
2-Butanone			U	ND	ug/L				JM6	03/19/26	01:33
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						
Bromodichloromethane			U	ND	ug/L						
Bromoform			U	ND	ug/L						
Bromomethane			U	ND	ug/L						
Carbon disulfide			U	ND	ug/L						
Carbon tetrachloride			U	ND	ug/L						
Chlorobenzene			U	ND	ug/L						
Chloroethane			U	ND	ug/L						
Chloroform			U	ND	ug/L						

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Chloromethane			U	ND	ug/L				JM6	03/19/26 01:33
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
Trichlorotrifluoroethane			U	ND	ug/L				JM6	03/19/26 01:33
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			48.5	ug/L		97	(71%-131%)		
**Bromofluorobenzene	50.0			49.6	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			47.5	ug/L		95	(77%-121%)		
QC1206409922 766977002 MS										
1,1,1-Trichloroethane	50.0	U	ND	48.6	ug/L		97	(60%-123%)		03/17/26 18:28
1,1,2,2-Tetrachloroethane	50.0	U	ND	51.8	ug/L		104	(58%-125%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2962900												
1,1,2-Trichloroethane	50.0	U	ND		49.3	ug/L		99	(62%-123%)	JM6	03/17/26	18:28
1,1-Dichloroethane	50.0	U	ND		53.6	ug/L		107	(66%-128%)			
1,1-Dichloroethylene	50.0	U	ND		56.1	ug/L		112	(59%-138%)			
1,2,3-Trichlorobenzene	50.0	U	ND		49.5	ug/L		99	(40%-140%)			
1,2,4-Trichlorobenzene	50.0	U	ND		48.2	ug/L		96	(51%-129%)			
1,2-Dibromo-3-chloropropane	50.0	U	ND		48.3	ug/L		97	(49%-133%)			
1,2-Dibromoethane	50.0	U	ND		52.5	ug/L		105	(66%-125%)			
1,2-Dichlorobenzene	50.0	U	ND		45.9	ug/L		92	(58%-123%)			
1,2-Dichloroethane	50.0	U	ND		48.1	ug/L		96	(58%-130%)			
1,2-Dichloropropane	50.0	U	ND		50.8	ug/L		102	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		46.3	ug/L		93	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		44.8	ug/L		90	(54%-123%)			
2-Butanone	250	U	ND		287	ug/L		115	(59%-136%)			
2-Hexanone	250	U	ND		283	ug/L		113	(58%-145%)			

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962900											
4-Methyl-2-pentanone	250	U	ND		267	ug/L		107	(63%-135%)	JM6	03/17/26 18:28
Acetone	250		8.37		285	ug/L		110	(50%-140%)		
Benzene	50.0	U	ND		48.8	ug/L		98	(64%-119%)		
Bromochloromethane	50.0	U	ND		51.2	ug/L		102	(63%-130%)		
Bromodichloromethane	50.0	U	ND		52.7	ug/L		105	(65%-125%)		
Bromoform	50.0	U	ND		45.6	ug/L		91	(49%-129%)		
Bromomethane	50.0	U	ND		42.8	ug/L		86	(55%-154%)		
Carbon disulfide	250	U	ND		299	ug/L		120	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		50.1	ug/L		100	(60%-127%)		
Chlorobenzene	50.0	U	ND		45.7	ug/L		91	(61%-120%)		
Chloroethane	50.0	U	ND		44.6	ug/L		89	(60%-138%)		
Chloroform	50.0	U	ND		48.7	ug/L		97	(64%-122%)		
Chloromethane	50.0	U	ND		38.0	ug/L		76	(43%-161%)		
Cyclohexane	50.0	U	ND		50.1	ug/L		100	(51%-125%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962900											
Dibromochloromethane	50.0	U	ND		44.9	ug/L		90	(60%-130%)	JM6	03/17/26 18:28
Dichlorodifluoromethane	50.0	U	ND		37.5	ug/L		75	(37%-162%)		
Ethylbenzene	50.0	U	ND		45.2	ug/L		90	(57%-122%)		
Isopropylbenzene	50.0	U	ND		52.9	ug/L		106	(53%-128%)		
Methyl acetate	250	U	ND		290	ug/L		116	(58%-145%)		
Methylcyclohexane	50.0	U	ND		50.0	ug/L		100	(58%-122%)		
Methylene chloride	50.0	U	ND		46.6	ug/L		93	(61%-135%)		
Styrene	50.0	U	ND		48.6	ug/L		97	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		49.2	ug/L		98	(53%-124%)		
Toluene	50.0	U	ND		46.2	ug/L		92	(60%-120%)		
Trichloroethylene	50.0	U	ND		47.8	ug/L		96	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		38.6	ug/L		77	(51%-134%)		
Vinyl chloride	50.0	U	ND		40.8	ug/L		82	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		49.6	ug/L		99	(65%-124%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962900											
cis-1,3-Dichloropropylene	50.0	U	ND		53.0	ug/L		106	(61%-123%)	JM6	03/17/26 18:28
m,p-Xylenes	100	U	ND		93.5	ug/L		93	(58%-122%)		
o-Xylene	50.0	U	ND		46.7	ug/L		93	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		49.0	ug/L		98	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		52.5	ug/L		105	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		52.3	ug/L		105	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		50.9		48.8	ug/L		98	(71%-131%)		
**Bromofluorobenzene	50.0		48.9		49.2	ug/L		98	(77%-123%)		
**Toluene-d8	50.0		49.6		45.6	ug/L		91	(77%-121%)		
QC1206409925 766977002 MS											
1,4-Dioxane	2500	U	ND	E	3050	ug/L		122	(50%-136%)		03/17/26 19:21
Trichlorotrifluoroethane	250	U	ND		227	ug/L		91	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		50.9		47.8	ug/L		96	(71%-131%)		
**Bromofluorobenzene	50.0		48.9		51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		49.6		48.1	ug/L		96	(77%-121%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962900											
QC1206409923 766977002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		48.3	ug/L	1	97	(0%-20%)	JM6	03/17/26 18:54
1,1,2,2-Tetrachloroethane	50.0	U	ND		52.8	ug/L	2	106	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		49.2	ug/L	0	98	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		49.5	ug/L	8	99	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		55.0	ug/L	2	110	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		51.4	ug/L	4	103	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		48.8	ug/L	1	98	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		48.5	ug/L	0	97	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		52.4	ug/L	0	105	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		46.6	ug/L	2	93	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		46.0	ug/L	4	92	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		48.3	ug/L	5	97	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		46.8	ug/L	1	94	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		45.2	ug/L	1	90	(0%-20%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962900											
2-Butanone	250	U	ND		278	ug/L	3	111	(0%-20%)	JM6	03/17/26 18:54
2-Hexanone	250	U	ND		285	ug/L	1	114	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		276	ug/L	3	110	(0%-20%)		
Acetone	250		8.37		273	ug/L	4	106	(0%-20%)		
Benzene	50.0	U	ND		47.1	ug/L	4	94	(0%-20%)		
Bromochloromethane	50.0	U	ND		48.3	ug/L	6	97	(0%-20%)		
Bromodichloromethane	50.0	U	ND		51.4	ug/L	3	103	(0%-20%)		
Bromoform	50.0	U	ND		44.8	ug/L	2	90	(0%-20%)		
Bromomethane	50.0	U	ND		42.1	ug/L	2	84	(0%-20%)		
Carbon disulfide	250	U	ND		292	ug/L	2	117	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		49.8	ug/L	1	100	(0%-20%)		
Chlorobenzene	50.0	U	ND		45.8	ug/L	0	92	(0%-20%)		
Chloroethane	50.0	U	ND		45.7	ug/L	2	91	(0%-20%)		
Chloroform	50.0	U	ND		47.6	ug/L	2	95	(0%-20%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962900											
Chloromethane	50.0	U	ND		37.3	ug/L	2	75	(0%-20%)	JM6	03/17/26 18:54
Cyclohexane	50.0	U	ND		47.3	ug/L	6	95	(0%-20%)		
Dibromochloromethane	50.0	U	ND		44.6	ug/L	1	89	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		36.7	ug/L	2	73	(0%-20%)		
Ethylbenzene	50.0	U	ND		45.4	ug/L	1	91	(0%-20%)		
Isopropylbenzene	50.0	U	ND		52.9	ug/L	0	106	(0%-20%)		
Methyl acetate	250	U	ND		266	ug/L	9	106	(0%-20%)		
Methylcyclohexane	50.0	U	ND		48.2	ug/L	4	96	(0%-20%)		
Methylene chloride	50.0	U	ND		47.7	ug/L	2	95	(0%-20%)		
Styrene	50.0	U	ND		48.7	ug/L	0	97	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		48.1	ug/L	2	96	(0%-20%)		
Toluene	50.0	U	ND		46.2	ug/L	0	92	(0%-20%)		
Trichloroethylene	50.0	U	ND		46.9	ug/L	2	94	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		41.5	ug/L	7	83	(0%-20%)		

QC Summary

Workorder: **766977**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2962900											
Vinyl chloride	50.0	U	ND		39.0	ug/L	4	78	(0%-20%)	JM6	03/17/26 18:54
cis-1,2-Dichloroethylene	50.0	U	ND		49.4	ug/L	0	99	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		51.1	ug/L	4	102	(0%-20%)		
m,p-Xylenes	100	U	ND		93.3	ug/L	0	93	(0%-20%)		
o-Xylene	50.0	U	ND		46.9	ug/L	0	94	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		47.8	ug/L	3	96	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		49.5	ug/L	6	99	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		52.9	ug/L	1	106	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		50.9		47.5	ug/L		95	(71%-131%)		
**Bromofluorobenzene	50.0		48.9		50.0	ug/L		100	(77%-123%)		
**Toluene-d8	50.0		49.6		47.5	ug/L		95	(77%-121%)		
QC1206409926 766977002 MSD											
1,4-Dioxane	2500	U	ND	E	3200	ug/L	5	128	(0%-20%)		03/17/26 19:48
Trichlorotrifluoroethane	250	U	ND		220	ug/L	3	88	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		50.9		48.4	ug/L		97	(71%-131%)		

QC Summary

Workorder: **766977**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2962900										
**Bromofluorobenzene	50.0	48.9		50.6	ug/L		101	(77%-123%)	JM6	03/17/26 19:48
**Toluene-d8	50.0	49.6		47.1	ug/L		94	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
B	B	The target analyte was detected in the associated blank.
E	E	Concentration of the target analyte exceeds the instrument calibration range
h	h	Preparation or preservation holding time was exceeded
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number: _____
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYSES
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number:
Page: 1.0 of 1
GEL Work Order Number: 766977

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: Groundwater and Surface Water Sampling Liberty Steel
Address: ~~2040 Savage Road, Charleston, SC 29407~~ Fraser St Georgetown SC
Collected By: Grant (BPI3)
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals
Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

Sample ID (Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	Should this sample be considered: (7) Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved)	Hexavalent Chromium (Dissolved)	Trip Blank	DI Water	(6) Preservative Type	Comments Note: extra sample is required for sample specific QC
									HA		NS		NI					
LS-TB-030526	03-05-26	0900	N	TB	DI			3	3									headspace in 2 vials
MW-20		0915	Y**	N	GW			9	3	2	1	1	1	1				** To Dissolved
MW-19		0950	Y**	N	GW			9	3	2	1	1	1	1				TAL metals + Cr6
MW-CA-4		1025	Y**	N	GW			9	3	2	1	1	1	1				filtered on field
MW-CA-3	**	1110	Y**	N	GW			9	3	2	1	1	1	1				MW-23 +
MW-23	**	1130	Y**	N	GW			9	3	2	1	1	1	1				MW-19 Limited
																		volume for sVOCs (1L)
																		** Trace hydraulic
																		cal MW-CA-2 + MW-23

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	3-5-26	1150	Carol Sandel	03/05/26	1150
2	Carol Sandel	03/05/26	1321	[signature]	3/5/26	1321
3						

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 3 °C

Select Deliverable: [ ] Results and QC Summary [ ] Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246712
For sample shipping and delivery details, see Sample Receipt & Review form (SRR)

(1) Chain of Custody Number: Client Determined

(2) Field Filtered: For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes: Equipment Blank (EB), Field Reagent Blank, Field Duplicate (DUP), Trip Blank (TB), Matrix Spike (MS), Matrix Spike Duplicate (MSD), Composite (C), Grab (G)

(4) Matrix Codes: Biosolid (SB), Concrete (C), Drinking Water (DW), Fecal (FC), Filter (F), Groundwater (GW), Leachate (L), Misc Liquid (ML), Oil (O), Sediment (SD), Sludge (SL), Soil (SO), Solid Waste (SS), Storm Water (WS), Surface Water (SW), Tissue (T), Urine (U), Vegetation (V), Waste Water (WW), Water (W), Wipe (P)

(6) Preservative Type: Ammonium Acetate (AM), Ascorbic Acid (AA), Hexane (HX), Hydrochloric Acid (HA), Methanol (ME), Nitric Acid (NI), Sodium Hydroxide (SH), Sodium Bisulfate (SBA), Sodium Bisulfite SBI), Sodium Thiosulfate (ST), Sulfuric Acid (SA), Trizma (TZ), Zinc Acetate (ZA)
Leave blank if no preservative is added.

(7) Radioactive *** If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.***

(8) Known or Possible Hazards
Identify the "Source of the Sample" material (e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals: Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg), Selenium (Se), Silver (Ag), Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous? Yes [ ] No [ ]

Characteristic: Flammable/Ignitable (FL), Corrosive (CO), Reactive (RE)
TSCA Regulated: Polychlorinated biphenyls (PCB)

Listed Waste: Listed Waste (LW) (F,K,P and U-listed wastes.) Waste code(s):

Other: Other / Unknown (OT) (i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.) Description:

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 766977	GEL PM: JR
Received By: KE	Date Received at GEL: 03/05/2026	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR1-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
Cooler 1	3				
2	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)			✓	If Yes, are Encores or Soil Kits present? Yes___ No ✓ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:
* client noted headspace on COC - no headspace in vials received

PM (or PMA) review: Initials JR Date 3/6/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 766977

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2962900

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766977001	LS-TB-030526
766977002	MW-20
766977004	MW-19
766977006	MW-CA-4
766977008	MW-CA-3
766977010	MW-23
1206409920	Laboratory Control Sample (LCS) **Batch 2962900**
1206409921	Method Blank (MB)
1206409922	766977002(MW-20) Matrix Spike (MS)
1206409923	766977002(MW-20) Matrix Spike Duplicate (MSD)
1206409924	Laboratory Control Sample (LCS)
1206409925	766977002(MW-20) Matrix Spike (MS)
1206409926	766977002(MW-20) Matrix Spike Duplicate (MSD)
1206412444	Laboratory Control Sample (LCS)
1206412445	Laboratory Control Sample (LCS)
1206412446	Laboratory Control Sample (LCS)
1206412447	Method Blank (MB)
1206412448	Method Blank (MB)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206412444 (LCS)	Carbon disulfide	138* (70%-130%)

Technical Information

Sample Dilutions/Methanol Dilutions
Sample 766977010 (MW-23) in this SDG was analyzed at a dilution. The sample was not analyzed at a lower dilution. There were positive results for target analytes within the middle to upper range of the calibration curve. Samples 766977008 (MW-CA-3) and 766977010 (MW-23) were diluted because target analyte concentrations exceeded the calibration range.

Analyte	766977	
	008	010
Several	500X 1X	250X

Sample Re-extraction/Re-analysis
Sample 766977010 (MW-23) was re-analyzed due to unacceptable surrogate and/or internal standard recoveries in the initial analysis. The re-analyses confirmed and/or passed and was reported.
Sample 766977010 (MW-23) was re-analyzed and reported due to possible carry-over from a previously analyzed sample.

Miscellaneous Information

Manual Integrations
Some initial calibration standards, continuing calibration standards, and/or sample (See Below) may have required manual integrations due to software limitations.

Sample	Analyte	Value
1206409920 (LCS)	Methylene chloride	Result 41.9ug/L

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2958798

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2958797

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766977002	MW-20

766977004	MW-19
766977006	MW-CA-4
766977008	MW-CA-3
766977010	MW-23
1206402139	Method Blank (MB) **Batch 2958798**
1206402140	Laboratory Control Sample (LCS)
1206402141	766871001(NonSDG) Matrix Spike (MS)
1206402142	766871001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Method Blank (MB) Statement
The MB(1206402139) displayed target analytes below the reporting limit. As these analytes were not detected above the reporting limit in the associated samples 766977002 (MW-20), 766977004 (MW-19), 766977006 (MW-CA-4), 766977008 (MW-CA-3) and 766977010 (MW-23), the data were reported and qualified accordingly.

Surrogate Recoveries
Sample (See Below) did not meet surrogate recovery criteria. The sample was re-extracted out of holding and passed surrogate recovery criteria. The sample chromatograms looked similar and there was quite a bit of matrix interference present. In both extractions, a reduced sample aliquot of 200 mL was used instead of the standard 1 L. The concentrations of the detected compounds were significantly higher in the first extraction compared to the re-extraction. The lab reported both sets of results.

Sample	Analyte	Value
766977010 (MW-23)	Nitrobenzene-d5	102* (31%-100%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206402141MS and 1206402142MSD (Non SDG 766871001)	Benzaldehyde	RPD 48* (0%-30%)

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
766977010 (MW-23)	Naphthalene	Result 18.2ug/L
	Nitrobenzene-d5	Result 256ug/L
	Phenanthrene	Result 3.5ug/L

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2960812

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2960811

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766977010	MW-23
1206406104	Method Blank (MB) **Batch 2960812**
1206406105	Laboratory Control Sample (LCS)
1206406106	768118002(NonSDG) Matrix Spike (MS)
1206406107	768118002(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206406105 (LCS)	4-Nitrophenol	21* (25%-69%)
	Hexachlorocyclopentadiene	25* (31%-64%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206406106MS and 1206406107MSD (Non SDG 768118002)	1, 2, 4, 5-Tetrachlorobenzene	RPD 33* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 40* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 45* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 42* (0%-30%)
	2, 4-Dichlorophenol	RPD 50* (0%-30%)
	2, 4-Dimethylphenol	RPD 54* (0%-30%)
	2, 4-Dinitrophenol	RPD 45* (0%-30%)
	2-Chloronaphthalene	RPD 31* (0%-30%)
	2-Chlorophenol	RPD 63* (0%-30%)
	2-Methyl-4, 6-dinitrophenol	RPD 40* (0%-30%)
	2-Nitrophenol	RPD 47* (0%-30%)
	4-Chloro-3-methylphenol	RPD 53* (0%-30%)
	4-Nitrophenol	RPD 73* (0%-30%)
	Benzo(a)anthracene	RPD 31* (0%-30%)
	Benzo(a)pyrene	RPD 35* (0%-30%)
	Benzo(b)fluoranthene, Benzo(ghi)perylene	RPD 33* (0%-30%)
	Chrysene	RPD 31* (0%-30%)
	Di-n-octylphthalate	RPD 37* (0%-30%)
	Dibenzo(a, h)anthracene	RPD 34* (0%-30%)
	Dimethylphthalate	RPD 31* (0%-30%)
	Hexachlorobenzene	RPD 32* (0%-30%)
	Hexachlorobutadiene	RPD 40* (0%-30%)

	Hexachlorocyclopentadiene	RPD 48* (0%-30%)
	Hexachloroethane, Indeno(1, 2, 3-cd)pyrene	RPD 34* (0%-30%)
	Pentachlorophenol	RPD 43* (0%-30%)
	Phenol	RPD 67* (0%-30%)
	bis(2-Ethylhexyl)phthalate	RPD 34* (0%-30%)
	m, p-Cresols	RPD 68* (0%-30%)
	o-Cresol	RPD 69* (0%-30%)
	p-Nitroaniline	RPD 37* (0%-30%)

Technical Information

Holding Time Specifications
Sample (See Below) was re-extracted out of holding due to QC failure. The failure did not confirm, so both sets of results are reported and have been qualified accordingly.

Sample	Value
766977010 (MW-23)	Received 05-MAR-26, within holding, prepped 13-MAR-26, out of holding 12-MAR-26

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2957167

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2957166

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766977002	MW-20
766977003	MW-20 Field Filtered
766977004	MW-19
766977005	MW-19 Field Filtered
766977006	MW-CA-4
766977007	MW-CA-4 Field Filtered
766977008	MW-CA-3
766977009	MW-CA-3 Field Filtered
766977010	MW-23
766977011	MW-23 Field Filtered
1206398951	Method Blank (MB)**ICP Batch 2957167**
1206398952	Laboratory Control Sample (LCS)
1206398956	766977002(MW-20L) Serial Dilution (SD)
1206398953	766977002(MW-20S) Matrix Spike (MS)
1206398954	766977002(MW-20SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2958251

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2958246

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766977002	MW-20
766977003	MW-20 Field Filtered
766977004	MW-19
766977005	MW-19 Field Filtered
766977006	MW-CA-4
766977007	MW-CA-4 Field Filtered
766977008	MW-CA-3
766977009	MW-CA-3 Field Filtered
766977010	MW-23
766977011	MW-23 Field Filtered
1206401060	Method Blank (MB)**CVAA Batch 2958251**
1206401061	Laboratory Control Sample (LCS)
1206401062	767288002(NonSDGD) Sample Duplicate (DUP)
1206401063	767288002(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 28
Analytical Batch: 2957174

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
766977002	MW-20
766977003	MW-20 Field Filtered
766977004	MW-19
766977005	MW-19 Field Filtered
766977006	MW-CA-4
766977007	MW-CA-4 Field Filtered
766977008	MW-CA-3
766977009	MW-CA-3 Field Filtered
766977010	MW-23
766977011	MW-23 Field Filtered
1206398993	Method Blank (MB) **Batch 2957174**
1206398994	Laboratory Control Sample (LCS)
1206398995	766977002(MW-20) Sample Duplicate (DUP)
1206398996	766977002(MW-20) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following sample 766977010 (MW-23) in this sample group was diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	766977 010
Hexavalent Chromium	5X

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 769625

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 24, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 769625 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 769625 GEL Work Order: 769625

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

B The target analyte was detected in the associated blank.

E Concentration of the target analyte exceeds the instrument calibration range

J Value is estimated

P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.

Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01	Project:	RVDE00226C
Sample ID:	769625001	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 08:35		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1034	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		711	68.0	200	ug/L	1.00	1	HS2	03/26/26	1145	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		52.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	J	1.06	1.00	5.00	ug/L	1.00	1					
Calcium		17100	50.0	200	ug/L	1.00	1					
Chromium		14.7	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.36	1.00	5.00	ug/L	1.00	1					
Copper		194	3.00	20.0	ug/L	1.00	1					
Iron		4910	30.0	100	ug/L	1.00	1					
Lead		22.2	3.30	20.0	ug/L	1.00	1					
Magnesium		2990	110	300	ug/L	1.00	1					
Manganese		232	2.00	10.0	ug/L	1.00	1					
Nickel		8.83	1.50	5.00	ug/L	1.00	1					
Potassium		3240	50.0	250	ug/L	1.00	1					
Selenium	J	18.8	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		1760	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.87	1.00	5.00	ug/L	1.00	1					
Zinc		2710	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.86	9.53	ug/L	0.000953	1	NM1	03/26/26	1748	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.86	9.53	ug/L	0.000953	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4,5-Trichlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4,6-Trichlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4-Dichlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4-Dimethylphenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4-Dinitrophenol	U	ND	4.76	19.1	ug/L	0.000953	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01	Project:	RVDE00226C
Sample ID:	769625001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.86	9.53	ug/L	0.000953	1					
2,6-Dinitrotoluene	U	ND	2.86	9.53	ug/L	0.000953	1					
2-Chloronaphthalene	U	ND	0.391	0.953	ug/L	0.000953	1					
2-Chlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2-Methylnaphthalene	U	ND	0.286	0.953	ug/L	0.000953	1					
2-Nitrophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
3,3'-Dichlorobenzidine	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Bromophenylphenylether	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Chloro-3-methylphenol	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Chloroaniline	U	ND	3.14	9.53	ug/L	0.000953	1					
4-Chlorophenylphenylether	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Nitrophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
Acenaphthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Acenaphthylene	U	ND	0.286	0.953	ug/L	0.000953	1					
Acetophenone	U	ND	2.86	9.53	ug/L	0.000953	1					
Anthracene	U	ND	0.286	0.953	ug/L	0.000953	1					
Atrazine	U	ND	2.86	9.53	ug/L	0.000953	1					
Benzaldehyde	U	ND	2.86	9.53	ug/L	0.000953	1					
Benzo(a)anthracene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(a)pyrene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(b)fluoranthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(ghi)perylene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(k)fluoranthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Butylbenzylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Carbazole	U	ND	0.286	0.953	ug/L	0.000953	1					
Chrysene	U	ND	0.286	0.953	ug/L	0.000953	1					
Di-n-butylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Di-n-octylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Dibenzo(a,h)anthracene	U	ND	0.286	0.953	ug/L	0.000953	1					
Dibenzofuran	U	ND	2.86	9.53	ug/L	0.000953	1					
Diethylphthalate	J	0.505	0.286	0.953	ug/L	0.000953	1					
Dimethylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Diphenylamine	U	ND	2.86	9.53	ug/L	0.000953	1					
Fluoranthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Fluorene	U	ND	0.286	0.953	ug/L	0.000953	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-01 Project: RVDE00226C
Sample ID: 769625001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.86	9.53	ug/L	0.000953	1					
Hexachlorobutadiene	U	ND	2.86	9.53	ug/L	0.000953	1					
Hexachlorocyclopentadiene	U	ND	2.86	9.53	ug/L	0.000953	1					
Hexachloroethane	U	ND	2.86	9.53	ug/L	0.000953	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.286	0.953	ug/L	0.000953	1					
Isophorone	U	ND	3.33	9.53	ug/L	0.000953	1					
N-Nitrosodipropylamine	U	ND	2.86	9.53	ug/L	0.000953	1					
Naphthalene	U	ND	0.286	0.953	ug/L	0.000953	1					
Nitrobenzene	U	ND	2.86	9.53	ug/L	0.000953	1					
Pentachlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
Phenanthrene	U	ND	0.286	0.953	ug/L	0.000953	1					
Phenol	U	ND	2.86	9.53	ug/L	0.000953	1					
Pyrene	U	ND	0.286	0.953	ug/L	0.000953	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.86	9.53	ug/L	0.000953	1					
bis(2-Chloroethoxy)methane	U	ND	2.86	9.53	ug/L	0.000953	1					
bis(2-Chloroethyl) ether	U	ND	2.86	9.53	ug/L	0.000953	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
m,p-Cresols	U	ND	3.53	9.53	ug/L	0.000953	1					
m-Nitroaniline	U	ND	2.86	9.53	ug/L	0.000953	1					
o-Cresol	U	ND	2.86	9.53	ug/L	0.000953	1					
o-Nitroaniline	U	ND	2.86	9.53	ug/L	0.000953	1					
p-Nitroaniline	U	ND	2.86	9.53	ug/L	0.000953	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1710	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-01 Project: RVDE00226C
Sample ID: 769625001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		69.2	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.730	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-01 Project: RVDE00226C
Sample ID: 769625001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.1 ug/L	47.6	57	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	25.1 ug/L	47.6	53	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	20.8 ug/L	47.6	44	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	58.3 ug/L	95.3	61	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	19.7 ug/L	95.3	21	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	27.7 ug/L	95.3	29	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.7 ug/L	50.0	105	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.8 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01	Project:	RVDE00226C
Sample ID:	769625001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	769625002	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 08:35		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1035	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1157	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		33.7	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		15200	50.0	200	ug/L	1.00	1					
Chromium	J	2.01	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper		99.5	3.00	20.0	ug/L	1.00	1					
Iron	J	44.9	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		2130	110	300	ug/L	1.00	1					
Manganese		80.2	2.00	10.0	ug/L	1.00	1					
Nickel	J	3.47	1.50	5.00	ug/L	1.00	1					
Potassium		3090	50.0	250	ug/L	1.00	1					
Selenium	J	20.3	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		1680	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc		1550	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	769625002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05	Project:	RVDE00226C
Sample ID:	769625003	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 09:12		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1037	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1130	68.0	200	ug/L	1.00	1	HS2	03/26/26	1201	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	6.91	5.00	30.0	ug/L	1.00	1					
Barium		16.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		33800	50.0	200	ug/L	1.00	1					
Chromium		89.4	1.00	10.0	ug/L	1.00	1					
Cobalt		7.62	1.00	5.00	ug/L	1.00	1					
Copper		338	3.00	20.0	ug/L	1.00	1					
Iron		133000	30.0	100	ug/L	1.00	1					
Lead	J	18.8	3.30	20.0	ug/L	1.00	1					
Magnesium		15600	110	300	ug/L	1.00	1					
Manganese		1090	2.00	10.0	ug/L	1.00	1					
Nickel		88.8	1.50	5.00	ug/L	1.00	1					
Potassium		6860	50.0	250	ug/L	1.00	1					
Selenium		30.8	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		12400	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		28.6	1.00	5.00	ug/L	1.00	1					
Zinc		252	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.57	ug/L	0.000957	1	NM1	03/26/26	1812	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dimethylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dinitrophenol	U	ND	4.78	19.1	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,6-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Chloronaphthalene	U	ND	0.392	0.957	ug/L	0.000957	1					
2-Chlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methylnaphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
2-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Bromophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloroaniline	U	ND	3.16	9.57	ug/L	0.000957	1					
4-Chlorophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Acenaphthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acenaphthylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acetophenone	U	ND	2.87	9.57	ug/L	0.000957	1					
Anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Atrazine	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzaldehyde	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzo(a)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(a)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(b)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(ghi)perylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(k)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Butylbenzylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Carbazole	U	ND	0.287	0.957	ug/L	0.000957	1					
Chrysene	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-butylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-octylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzofuran	U	ND	2.87	9.57	ug/L	0.000957	1					
Diethylphthalate	J	0.383	0.287	0.957	ug/L	0.000957	1					
Dimethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Diphenylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Fluorene	U	ND	0.287	0.957	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorobutadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachloroethane	U	ND	2.87	9.57	ug/L	0.000957	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Isophorone	U	ND	3.35	9.57	ug/L	0.000957	1					
N-Nitrosodipropylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Naphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
Nitrobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Pentachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Phenanthrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Phenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
m,p-Cresols	U	ND	3.54	9.57	ug/L	0.000957	1					
m-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Cresol	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
p-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1736	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		35.8	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.680	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.1 ug/L	47.8	61	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.9 ug/L	47.8	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	14.6 ug/L	47.8	30	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	64.8 ug/L	95.7	68	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	20.9 ug/L	95.7	22	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	29.9 ug/L	95.7	31	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	51.0 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.4 ug/L	50.0	105	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.2 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05	Project:	RVDE00226C
Sample ID:	769625003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05 Field Filtered	Project:	RVDE00226C
Sample ID:	769625004	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 09:12		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1038	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1209	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium	J	4.07	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		22400	50.0	200	ug/L	1.00	1					
Chromium	J	2.85	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper		22.6	3.00	20.0	ug/L	1.00	1					
Iron	J	39.2	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		10400	110	300	ug/L	1.00	1					
Manganese	J	7.71	2.00	10.0	ug/L	1.00	1					
Nickel	J	2.50	1.50	5.00	ug/L	1.00	1					
Potassium		7050	50.0	250	ug/L	1.00	1					
Selenium	J	20.8	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		11900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.54	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05 Field Filtered	Project:	RVDE00226C
Sample ID:	769625004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13	Project:	RVDE00226C
Sample ID:	769625005	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 10:55		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1040	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		12600	68.0	200	ug/L	1.00	1	HS2	03/26/26	1212	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.20	5.00	30.0	ug/L	1.00	1					
Barium		58.3	1.00	5.00	ug/L	1.00	1					
Beryllium	J	1.69	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		9420	50.0	200	ug/L	1.00	1					
Chromium		26.3	1.00	10.0	ug/L	1.00	1					
Cobalt	J	4.67	1.00	5.00	ug/L	1.00	1					
Copper	J	6.12	3.00	20.0	ug/L	1.00	1					
Iron		15300	30.0	100	ug/L	1.00	1					
Lead	J	10.2	3.30	20.0	ug/L	1.00	1					
Magnesium		2750	110	300	ug/L	1.00	1					
Manganese		116	2.00	10.0	ug/L	1.00	1					
Nickel		8.77	1.50	5.00	ug/L	1.00	1					
Potassium		3220	50.0	250	ug/L	1.00	1					
Selenium	J	6.42	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		27800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		29.4	1.00	5.00	ug/L	1.00	1					
Zinc		66.9	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.89	9.65	ug/L	0.000965	1	NM1	03/26/26	1835	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.89	9.65	ug/L	0.000965	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4,5-Trichlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4,6-Trichlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dichlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dimethylphenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dinitrophenol	U	ND	4.82	19.3	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.89	9.65	ug/L	0.000965	1					
2,6-Dinitrotoluene	U	ND	2.89	9.65	ug/L	0.000965	1					
2-Chloronaphthalene	U	ND	0.396	0.965	ug/L	0.000965	1					
2-Chlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2-Methylnaphthalene	U	ND	0.289	0.965	ug/L	0.000965	1					
2-Nitrophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
3,3'-Dichlorobenzidine	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Bromophenylphenylether	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Chloro-3-methylphenol	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Chloroaniline	U	ND	3.18	9.65	ug/L	0.000965	1					
4-Chlorophenylphenylether	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Nitrophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
Acenaphthene		1.35	0.289	0.965	ug/L	0.000965	1					
Acenaphthylene	U	ND	0.289	0.965	ug/L	0.000965	1					
Acetophenone	U	ND	2.89	9.65	ug/L	0.000965	1					
Anthracene	U	ND	0.289	0.965	ug/L	0.000965	1					
Atrazine	U	ND	2.89	9.65	ug/L	0.000965	1					
Benzaldehyde	U	ND	2.89	9.65	ug/L	0.000965	1					
Benzo(a)anthracene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(a)pyrene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(b)fluoranthene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(ghi)perylene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(k)fluoranthene	U	ND	0.289	0.965	ug/L	0.000965	1					
Butylbenzylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Carbazole	U	ND	0.289	0.965	ug/L	0.000965	1					
Chrysene	U	ND	0.289	0.965	ug/L	0.000965	1					
Di-n-butylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Di-n-octylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Dibenzo(a,h)anthracene	U	ND	0.289	0.965	ug/L	0.000965	1					
Dibenzofuran	U	ND	2.89	9.65	ug/L	0.000965	1					
Diethylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Dimethylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Diphenylamine	U	ND	2.89	9.65	ug/L	0.000965	1					
Fluoranthene	U	ND	0.289	0.965	ug/L	0.000965	1					
Fluorene	J	0.685	0.289	0.965	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.89	9.65	ug/L	0.000965	1					
Hexachlorobutadiene	U	ND	2.89	9.65	ug/L	0.000965	1					
Hexachlorocyclopentadiene	U	ND	2.89	9.65	ug/L	0.000965	1					
Hexachloroethane	U	ND	2.89	9.65	ug/L	0.000965	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.289	0.965	ug/L	0.000965	1					
Isophorone	U	ND	3.38	9.65	ug/L	0.000965	1					
N-Nitrosodipropylamine	U	ND	2.89	9.65	ug/L	0.000965	1					
Naphthalene	U	ND	0.289	0.965	ug/L	0.000965	1					
Nitrobenzene	U	ND	2.89	9.65	ug/L	0.000965	1					
Pentachlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
Phenanthrene	U	ND	0.289	0.965	ug/L	0.000965	1					
Phenol	U	ND	2.89	9.65	ug/L	0.000965	1					
Pyrene	U	ND	0.289	0.965	ug/L	0.000965	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Chloroethoxy)methane	U	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Chloroethyl) ether	U	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
m,p-Cresols	U	ND	3.57	9.65	ug/L	0.000965	1					
m-Nitroaniline	U	ND	2.89	9.65	ug/L	0.000965	1					
o-Cresol	U	ND	2.89	9.65	ug/L	0.000965	1					
o-Nitroaniline	U	ND	2.89	9.65	ug/L	0.000965	1					
p-Nitroaniline	U	ND	2.89	9.65	ug/L	0.000965	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1801	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	J	0.590	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		11.9	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.730	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	J	0.790	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	20.4 ug/L	48.2	42	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	16.0 ug/L	48.2	33	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	9.42 ug/L	48.2	20	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	44.1 ug/L	96.5	46	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	14.6 ug/L	96.5	15	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	19.5 ug/L	96.5	20	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	56.1 ug/L	50.0	112	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.8 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13	Project:	RVDE00226C
Sample ID:	769625005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13 Field Filtered	Project:	RVDE00226C
Sample ID:	769625006	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 10:55		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1045	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1214	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		24.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		7720	50.0	200	ug/L	1.00	1					
Chromium	J	1.40	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		377	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		1260	110	300	ug/L	1.00	1					
Manganese		37.4	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		2520	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		26100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.14	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.93	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13 Field Filtered	Project:	RVDE00226C
Sample ID:	769625006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02	Project:	RVDE00226C
Sample ID:	769625007	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 12:18		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	04/06/26	1522	2971830	1
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1047	2967072	2
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1200	68.0	200	ug/L	1.00	1	HS2	03/26/26	1217	2967014	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		56.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		62000	50.0	200	ug/L	1.00	1					
Chromium	J	4.80	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		15200	30.0	100	ug/L	1.00	1					
Lead	J	5.69	3.30	20.0	ug/L	1.00	1					
Magnesium		6970	110	300	ug/L	1.00	1					
Manganese		147	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.92	1.50	5.00	ug/L	1.00	1					
Potassium		2600	50.0	250	ug/L	1.00	1					
Selenium	J	24.1	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8560	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.45	1.00	5.00	ug/L	1.00	1					
Zinc	J	10.6	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.88	9.61	ug/L	0.000961	1	NM1	03/26/26	1859	2967841	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.88	9.61	ug/L	0.000961	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4,5-Trichlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4,6-Trichlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4-Dichlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4-Dimethylphenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4-Dinitrophenol	U	ND	4.81	19.2	ug/L	0.000961	1					
2,4-Dinitrotoluene	U	ND	2.88	9.61	ug/L	0.000961	1					
2,6-Dinitrotoluene	U	ND	2.88	9.61	ug/L	0.000961	1					
2-Chloronaphthalene	U	ND	0.394	0.961	ug/L	0.000961	1					
2-Chlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2-Methylnaphthalene	U	ND	0.288	0.961	ug/L	0.000961	1					
2-Nitrophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
3,3'-Dichlorobenzidine	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Bromophenylphenylether	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Chloro-3-methylphenol	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Chloroaniline	U	ND	3.17	9.61	ug/L	0.000961	1					
4-Chlorophenylphenylether	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Nitrophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
Acenaphthene	J	0.606	0.288	0.961	ug/L	0.000961	1					
Acenaphthylene	U	ND	0.288	0.961	ug/L	0.000961	1					
Acetophenone	U	ND	2.88	9.61	ug/L	0.000961	1					
Anthracene	U	ND	0.288	0.961	ug/L	0.000961	1					
Atrazine	U	ND	2.88	9.61	ug/L	0.000961	1					
Benzaldehyde	U	ND	2.88	9.61	ug/L	0.000961	1					
Benzo(a)anthracene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(a)pyrene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(b)fluoranthene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(ghi)perylene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(k)fluoranthene	U	ND	0.288	0.961	ug/L	0.000961	1					
Butylbenzylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Carbazole	U	ND	0.288	0.961	ug/L	0.000961	1					
Chrysene	U	ND	0.288	0.961	ug/L	0.000961	1					
Di-n-butylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Di-n-octylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Dibenzo(a,h)anthracene	U	ND	0.288	0.961	ug/L	0.000961	1					
Dibenzofuran	U	ND	2.88	9.61	ug/L	0.000961	1					
Diethylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Dimethylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Diphenylamine	U	ND	2.88	9.61	ug/L	0.000961	1					
Fluoranthene	U	ND	0.288	0.961	ug/L	0.000961	1					
Fluorene	U	ND	0.288	0.961	ug/L	0.000961	1					
Hexachlorobenzene	U	ND	2.88	9.61	ug/L	0.000961	1					
Hexachlorobutadiene	U	ND	2.88	9.61	ug/L	0.000961	1					
Hexachlorocyclopentadiene	U	ND	2.88	9.61	ug/L	0.000961	1					
Hexachloroethane	U	ND	2.88	9.61	ug/L	0.000961	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.288	0.961	ug/L	0.000961	1					
Isophorone	U	ND	3.36	9.61	ug/L	0.000961	1					
N-Nitrosodipropylamine	U	ND	2.88	9.61	ug/L	0.000961	1					
Naphthalene	U	ND	0.288	0.961	ug/L	0.000961	1					
Nitrobenzene	U	ND	2.88	9.61	ug/L	0.000961	1					
Pentachlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
Phenanthrene	U	ND	0.288	0.961	ug/L	0.000961	1					
Phenol	U	ND	2.88	9.61	ug/L	0.000961	1					
Pyrene	U	ND	0.288	0.961	ug/L	0.000961	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.88	9.61	ug/L	0.000961	1					
bis(2-Chloroethoxy)methane	U	ND	2.88	9.61	ug/L	0.000961	1					
bis(2-Chloroethyl) ether	U	ND	2.88	9.61	ug/L	0.000961	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
m,p-Cresols	U	ND	3.56	9.61	ug/L	0.000961	1					
m-Nitroaniline	U	ND	2.88	9.61	ug/L	0.000961	1					
o-Cresol	U	ND	2.88	9.61	ug/L	0.000961	1					
o-Nitroaniline	U	ND	2.88	9.61	ug/L	0.000961	1					
p-Nitroaniline	U	ND	2.88	9.61	ug/L	0.000961	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0320	0.0960	ug/L	0.000960	1	NS2	03/31/26	2108	2969573	5
Aroclor-1221	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1232	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1242	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1248	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1254	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1260	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1262	U	ND	0.0320	0.0960	ug/L	0.000960	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1268	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00961	0.0385	ug/L	0.00481	1	LOF	03/26/26	2142	2966985	6
4,4'-DDE	U	ND	0.00961	0.0385	ug/L	0.00481	1					
4,4'-DDT	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Aldrin	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Dieldrin	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endosulfan I	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Endosulfan II	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endosulfan sulfate	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endrin	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endrin aldehyde	U	ND	0.00639	0.0385	ug/L	0.00481	1					
Endrin ketone	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Heptachlor	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Heptachlor epoxide	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Methoxychlor	U	ND	0.0481	0.192	ug/L	0.00481	1					
Toxaphene	U	ND	0.144	0.481	ug/L	0.00481	1					
alpha-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
beta-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
cis-Chlordane	U	ND	0.00639	0.0192	ug/L	0.00481	1					
delta-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
gamma-BHC (Lindane)	U	ND	0.00639	0.0192	ug/L	0.00481	1					
trans-Chlordane	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	8
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1826	2971014	9
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.680	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02
Sample ID: 769625007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3535A	SW3535A PCB SPE Extraction	DG3	03/27/26	0655	2968576
SW846 3535A	SW3535A Pesticides SPE Extraction	TH1	03/30/26	1143	2969281
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	03/31/26	0552	2969572
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	03/26/26	0547	2967295
SW846 3535A	SW3535A Pesticides SPE Extraction	AE2	03/25/26	1319	2966984
SW846 9010C Distillation	SW846 9010C Prep	CH9	04/06/26	1337	2971825

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 3535A/8082A	
6	SW846 3535A/8081B	
7	SW846 3535A/8081B	
8	SW846 7196A	
9	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.9 ug/L	48.1	62	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	28.1 ug/L	48.1	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	23.2 ug/L	48.1	48	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	64.7 ug/L	96.1	67	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	20.0 ug/L	96.1	21	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	26.7 ug/L	96.1	28	(15%-72%)
4cmx	SW846 3535A/8082A TCL PCB, Liquid "As Received"	0.153 ug/L	0.192	80	(28%-114%)
Decachlorobiphenyl	SW846 3535A/8082A TCL PCB, Liquid "As Received"	0.0877 ug/L	0.192	46	(30%-135%)
Decachlorobiphenyl	SW846 3535A/8081B TCL Pesticide, Liquid "As Received"	0.101 ug/L	0.961	10*	(43%-140%)
4cmx	SW846 3535A/8081B TCL Pesticide, Liquid "As Received"	0.516 ug/L	0.961	54	(29%-119%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.9 ug/L	50.0	108	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02	Project:	RVDE00226C
Sample ID:	769625007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	769625008	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 12:18		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1048	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1220	2967014	2
Antimony	J	4.12	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		57.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		63000	50.0	200	ug/L	1.00	1					
Chromium	J	3.30	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		15000	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		6940	110	300	ug/L	1.00	1					
Manganese		155	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		2640	50.0	250	ug/L	1.00	1					
Selenium		34.2	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8750	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.69	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	769625008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10	Project:	RVDE00226C
Sample ID:	769625009	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 14:00		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1050	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		7700	68.0	200	ug/L	1.00	1	HS2	03/26/26	1222	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	5.20	5.00	30.0	ug/L	1.00	1					
Barium		99.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		37400	50.0	200	ug/L	1.00	1					
Chromium		19.6	1.00	10.0	ug/L	1.00	1					
Cobalt		8.95	1.00	5.00	ug/L	1.00	1					
Copper	J	4.96	3.00	20.0	ug/L	1.00	1					
Iron		30800	30.0	100	ug/L	1.00	1					
Lead	J	6.77	3.30	20.0	ug/L	1.00	1					
Magnesium		7230	110	300	ug/L	1.00	1					
Manganese		243	2.00	10.0	ug/L	1.00	1					
Nickel		6.46	1.50	5.00	ug/L	1.00	1					
Potassium		3710	50.0	250	ug/L	1.00	1					
Selenium	J	21.3	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		19000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		22.1	1.00	5.00	ug/L	1.00	1					
Zinc		53.4	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.57	ug/L	0.000957	1	NM1	03/26/26	1922	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dimethylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dinitrophenol	U	ND	4.78	19.1	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 Project: RVDE00226C
Sample ID: 769625009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,6-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Chloronaphthalene	U	ND	0.392	0.957	ug/L	0.000957	1					
2-Chlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methylnaphthalene		53.4	0.287	0.957	ug/L	0.000957	1					
2-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Bromophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloroaniline	U	ND	3.16	9.57	ug/L	0.000957	1					
4-Chlorophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Acenaphthene		11.2	0.287	0.957	ug/L	0.000957	1					
Acenaphthylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acetophenone	U	ND	2.87	9.57	ug/L	0.000957	1					
Anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Atrazine	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzaldehyde	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzo(a)anthracene	J	0.450	0.287	0.957	ug/L	0.000957	1					
Benzo(a)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(b)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(ghi)perylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(k)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Butylbenzylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Carbazole	U	ND	0.287	0.957	ug/L	0.000957	1					
Chrysene	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-butylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-octylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzofuran	U	ND	2.87	9.57	ug/L	0.000957	1					
Diethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dimethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Diphenylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Fluoranthene		1.47	0.287	0.957	ug/L	0.000957	1					
Fluorene		15.2	0.287	0.957	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 Project: RVDE00226C
Sample ID: 769625009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorobutadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachloroethane	U	ND	2.87	9.57	ug/L	0.000957	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Isophorone	U	ND	3.35	9.57	ug/L	0.000957	1					
N-Nitrosodipropylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Naphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
Nitrobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Pentachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Phenanthrene		28.7	0.287	0.957	ug/L	0.000957	1					
Phenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Pyrene		1.70	0.287	0.957	ug/L	0.000957	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Ethylhexyl)phthalate	J	0.430	0.287	0.957	ug/L	0.000957	1					
m,p-Cresols	J	5.23	3.54	9.57	ug/L	0.000957	1					
m-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Cresol	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
p-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1852	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10
Sample ID: 769625009
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	2.81	1.74	5.00	ug/L		1					
Benzene		1.19	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene		2.07	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane		2.68	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene		8.86	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane		3.77	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.710	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 Project: RVDE00226C
Sample ID: 769625009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	26.5 ug/L	47.8	55	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	20.8 ug/L	47.8	43	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.3 ug/L	47.8	24	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	49.1 ug/L	95.7	51	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.4 ug/L	95.7	16	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	20.6 ug/L	95.7	22	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.0 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	54.0 ug/L	50.0	108	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.1 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10	Project:	RVDE00226C
Sample ID:	769625009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 Field Filtered	Project:	RVDE00226C
Sample ID:	769625010	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 14:00		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1052	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1224	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	6.47	5.00	30.0	ug/L	1.00	1					
Barium		71.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		38400	50.0	200	ug/L	1.00	1					
Chromium	J	2.44	1.00	10.0	ug/L	1.00	1					
Cobalt	J	3.62	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		25200	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		6830	110	300	ug/L	1.00	1					
Manganese		187	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3020	50.0	250	ug/L	1.00	1					
Selenium	J	26.2	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	15.8	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 Field Filtered	Project:	RVDE00226C
Sample ID:	769625010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Matrix: Surface Water
Collect Date: 24-MAR-26 14:10
Receive Date: 24-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1053	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		5610	68.0	200	ug/L	1.00	1	HS2	03/26/26	1227	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		90.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		37400	50.0	200	ug/L	1.00	1					
Chromium		14.5	1.00	10.0	ug/L	1.00	1					
Cobalt		7.77	1.00	5.00	ug/L	1.00	1					
Copper	J	3.53	3.00	20.0	ug/L	1.00	1					
Iron		28400	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7020	110	300	ug/L	1.00	1					
Manganese		227	2.00	10.0	ug/L	1.00	1					
Nickel		5.10	1.50	5.00	ug/L	1.00	1					
Potassium		3430	50.0	250	ug/L	1.00	1					
Selenium	J	19.1	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		15.0	1.00	5.00	ug/L	1.00	1					
Zinc		40.3	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.88	9.59	ug/L	0.000959	1	NM1	03/26/26	1945	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.88	9.59	ug/L	0.000959	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4,5-Trichlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4,6-Trichlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4-Dichlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4-Dimethylphenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4-Dinitrophenol	U	ND	4.79	19.2	ug/L	0.000959	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.88	9.59	ug/L	0.000959	1					
2,6-Dinitrotoluene	U	ND	2.88	9.59	ug/L	0.000959	1					
2-Chloronaphthalene	U	ND	0.393	0.959	ug/L	0.000959	1					
2-Chlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2-Methylnaphthalene		18.9	0.288	0.959	ug/L	0.000959	1					
2-Nitrophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
3,3'-Dichlorobenzidine	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Bromophenylphenylether	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Chloro-3-methylphenol	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Chloroaniline	U	ND	3.16	9.59	ug/L	0.000959	1					
4-Chlorophenylphenylether	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Nitrophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
Acenaphthene		5.77	0.288	0.959	ug/L	0.000959	1					
Acenaphthylene	U	ND	0.288	0.959	ug/L	0.000959	1					
Acetophenone	U	ND	2.88	9.59	ug/L	0.000959	1					
Anthracene	U	ND	0.288	0.959	ug/L	0.000959	1					
Atrazine	U	ND	2.88	9.59	ug/L	0.000959	1					
Benzaldehyde	U	ND	2.88	9.59	ug/L	0.000959	1					
Benzo(a)anthracene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(a)pyrene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(b)fluoranthene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(ghi)perylene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(k)fluoranthene	U	ND	0.288	0.959	ug/L	0.000959	1					
Butylbenzylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Carbazole	U	ND	0.288	0.959	ug/L	0.000959	1					
Chrysene	U	ND	0.288	0.959	ug/L	0.000959	1					
Di-n-butylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Di-n-octylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Dibenzo(a,h)anthracene	U	ND	0.288	0.959	ug/L	0.000959	1					
Dibenzofuran	U	ND	2.88	9.59	ug/L	0.000959	1					
Diethylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Dimethylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Diphenylamine	U	ND	2.88	9.59	ug/L	0.000959	1					
Fluoranthene	J	0.470	0.288	0.959	ug/L	0.000959	1					
Fluorene		7.33	0.288	0.959	ug/L	0.000959	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.88	9.59	ug/L	0.000959	1					
Hexachlorobutadiene	U	ND	2.88	9.59	ug/L	0.000959	1					
Hexachlorocyclopentadiene	U	ND	2.88	9.59	ug/L	0.000959	1					
Hexachloroethane	U	ND	2.88	9.59	ug/L	0.000959	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.288	0.959	ug/L	0.000959	1					
Isophorone	U	ND	3.36	9.59	ug/L	0.000959	1					
N-Nitrosodipropylamine	U	ND	2.88	9.59	ug/L	0.000959	1					
Naphthalene	U	ND	0.288	0.959	ug/L	0.000959	1					
Nitrobenzene	U	ND	2.88	9.59	ug/L	0.000959	1					
Pentachlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
Phenanthrene		10.5	0.288	0.959	ug/L	0.000959	1					
Phenol	U	ND	2.88	9.59	ug/L	0.000959	1					
Pyrene	J	0.499	0.288	0.959	ug/L	0.000959	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.88	9.59	ug/L	0.000959	1					
bis(2-Chloroethoxy)methane	U	ND	2.88	9.59	ug/L	0.000959	1					
bis(2-Chloroethyl) ether	U	ND	2.88	9.59	ug/L	0.000959	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
m,p-Cresols	U	ND	3.55	9.59	ug/L	0.000959	1					
m-Nitroaniline	U	ND	2.88	9.59	ug/L	0.000959	1					
o-Cresol	U	ND	2.88	9.59	ug/L	0.000959	1					
o-Nitroaniline	U	ND	2.88	9.59	ug/L	0.000959	1					
p-Nitroaniline	U	ND	2.88	9.59	ug/L	0.000959	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1917	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	3.12	1.74	5.00	ug/L		1					
Benzene		1.11	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene		1.94	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane		2.65	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene		9.71	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane		5.22	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.700	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP	Project:	RVDE00226C
Sample ID:	769625011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/01/26	1306	2970661
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	19.4 ug/L	47.9	40	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	15.1 ug/L	47.9	32	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	5.82 ug/L	47.9	12*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	26.0 ug/L	95.9	27*	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	10.8 ug/L	95.9	11*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	12.2 ug/L	95.9	13*	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.8 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.0 ug/L	50.0	102	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP	Project:	RVDE00226C
Sample ID:	769625011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP Field Filtered	Project:	RVDE00226C
Sample ID:	769625012	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 14:10		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1055	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1229	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		75.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		38200	50.0	200	ug/L	1.00	1					
Chromium	J	2.45	1.00	10.0	ug/L	1.00	1					
Cobalt		5.01	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		25100	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		6900	110	300	ug/L	1.00	1					
Manganese		200	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.80	1.50	5.00	ug/L	1.00	1					
Potassium		2990	50.0	250	ug/L	1.00	1					
Selenium	J	26.5	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	16.2	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP Field Filtered	Project:	RVDE00226C
Sample ID:	769625012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Flow Injection Analysis												
Batch 2971830												
QC1206426030 769481004 DUP												
Cyanide, Total		U	ND	U	ND	ug/L	N/A			CH9	04/06/26	15:18
QC1206426029 LCS												
Cyanide, Total	50.0				48.9	ug/L		97.9	(90%-110%)		04/06/26	15:08
QC1206426028 MB												
Cyanide, Total				U	ND	ug/L					04/06/26	15:07
QC1206426031 769481004 MS												
Cyanide, Total	100	U	ND		86.3	ug/L		86.3	(52%-131%)		04/06/26	15:19
Metals Analysis-ICP												
Batch 2967014												
QC1206417412 LCS												
Aluminum	5000				5060	ug/L		101	(80%-120%)	HS2	03/26/26	11:43
Antimony	500				490	ug/L		98	(80%-120%)			
Arsenic	500				508	ug/L		102	(80%-120%)			
Barium	500				507	ug/L		101	(80%-120%)			
Beryllium	500				501	ug/L		100	(80%-120%)			
Cadmium	500				503	ug/L		101	(80%-120%)			

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Calcium	5000			5140	ug/L		103	(80%-120%)	HS2	03/26/26 11:43
Chromium	500			520	ug/L		104	(80%-120%)		
Cobalt	500			512	ug/L		102	(80%-120%)		
Copper	500			507	ug/L		101	(80%-120%)		
Iron	5000			5170	ug/L		103	(80%-120%)		
Lead	500			508	ug/L		102	(80%-120%)		
Magnesium	5000			5200	ug/L		104	(80%-120%)		
Manganese	500			505	ug/L		101	(80%-120%)		
Nickel	500			515	ug/L		103	(80%-120%)		
Potassium	5000			5010	ug/L		100	(80%-120%)		
Selenium	500			495	ug/L		99	(80%-120%)		
Silver	100			101	ug/L		101	(80%-120%)		
Sodium	5000			5020	ug/L		100	(80%-120%)		
Thallium	500			523	ug/L		105	(80%-120%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Vanadium	500			505	ug/L		101	(80%-120%)	HS2	03/26/26 11:43
Zinc	500			490	ug/L		98.1	(80%-120%)		
QC1206417411 MB										
Aluminum			U	ND	ug/L					03/26/26 11:39
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Magnesium			U	ND	ug/L				HS2	03/26/26 11:39
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					
Sodium			U	ND	ug/L					
Thallium			U	ND	ug/L					
Vanadium			U	ND	ug/L					
Zinc			U	ND	ug/L					
QC1206417413 769625001 MS										
Aluminum	5000	711		5680	ug/L		99.4	(75%-125%)		03/26/26 11:47
Antimony	500	ND	U	489	ug/L		97.7	(75%-125%)		
Arsenic	500	ND	U	512	ug/L		102	(75%-125%)		
Barium	500	52.1		537	ug/L		97	(75%-125%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967014											
Beryllium	500	U	ND		493	ug/L		98.5	(75%-125%)	HS2	03/26/26 11:47
Cadmium	500	J	1.06		490	ug/L		97.8	(75%-125%)		
Calcium	5000		17100		21600	ug/L		90.3	(75%-125%)		
Chromium	500		14.7		520	ug/L		101	(75%-125%)		
Cobalt	500	J	1.36		501	ug/L		100	(75%-125%)		
Copper	500		194		689	ug/L		99.1	(75%-125%)		
Iron	5000		4910		8620	ug/L		74.2*	(75%-125%)		
Lead	500		22.2		512	ug/L		97.9	(75%-125%)		
Magnesium	5000		2990		7880	ug/L		97.7	(75%-125%)		
Manganese	500		232		702	ug/L		94.1	(75%-125%)		
Nickel	500		8.83		508	ug/L		99.8	(75%-125%)		
Potassium	5000		3240		8150	ug/L		98.3	(75%-125%)		
Selenium	500	J	18.8		490	ug/L		94.2	(75%-125%)		
Silver	100	U	ND		98.8	ug/L		98.7	(75%-125%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967014											
Sodium	5000		1760		6590	ug/L		96.6	(75%-125%)	HS2	03/26/26 11:47
Thallium	500	U	ND		509	ug/L		102	(75%-125%)		
Vanadium	500	J	4.87		502	ug/L		99.4	(75%-125%)		
Zinc	500		2710		3140	ug/L		N/A	(75%-125%)		
QC1206417414 769625001 MSD											
Aluminum	5000		711		5830	ug/L	2.6	102	(0%-20%)		03/26/26 11:50
Antimony	500	U	ND		488	ug/L	0.199	97.5	(0%-20%)		
Arsenic	500	U	ND		515	ug/L	0.549	103	(0%-20%)		
Barium	500		52.1		548	ug/L	2.03	99.2	(0%-20%)		
Beryllium	500	U	ND		495	ug/L	0.541	99	(0%-20%)		
Cadmium	500	J	1.06		493	ug/L	0.602	98.4	(0%-20%)		
Calcium	5000		17100		22000	ug/L	1.83	98.3	(0%-20%)		
Chromium	500		14.7		526	ug/L	1.06	102	(0%-20%)		
Cobalt	500	J	1.36		504	ug/L	0.65	101	(0%-20%)		
Copper	500		194		700	ug/L	1.54	101	(0%-20%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967014											
Iron	5000		4910		9550	ug/L	10.3	92.8	(0%-20%)	HS2	03/26/26 11:50
Lead	500		22.2		516	ug/L	0.741	98.7	(0%-20%)		
Magnesium	5000		2990		8100	ug/L	2.77	102	(0%-20%)		
Manganese	500		232		718	ug/L	2.22	97.3	(0%-20%)		
Nickel	500		8.83		511	ug/L	0.536	100	(0%-20%)		
Potassium	5000		3240		8280	ug/L	1.6	101	(0%-20%)		
Selenium	500	J	18.8		511	ug/L	4.24	98.4	(0%-20%)		
Silver	100	U	ND		98.5	ug/L	0.313	98.4	(0%-20%)		
Sodium	5000		1760		6690	ug/L	1.58	98.7	(0%-20%)		
Thallium	500	U	ND		506	ug/L	0.613	101	(0%-20%)		
Vanadium	500	J	4.87		505	ug/L	0.685	100	(0%-20%)		
Zinc	500		2710		3190	ug/L	1.62	N/A	(0%-20%)		
QC1206417415 769625001 PS											
Iron	5000		4910		9830	ug/L		98.3	(75%-125%)		03/26/26 11:52
QC1206417416 769625001 SDILT											
Aluminum			711	J	139	ug/L	2.1		(0%-20%)		03/26/26 11:54

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Antimony	U	ND	U	ND	ug/L	N/A		(0%-20%)	HS2	03/26/26 11:54
Arsenic	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium		52.1		10.9	ug/L	4.56		(0%-20%)		
Beryllium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	J	1.06	U	ND	ug/L	N/A		(0%-20%)		
Calcium		17100		3380	ug/L	1.15		(0%-20%)		
Chromium		14.7	J	2.64	ug/L	10.6		(0%-20%)		
Cobalt	J	1.36	U	ND	ug/L	N/A		(0%-20%)		
Copper		194		41.1	ug/L	6.06		(0%-20%)		
Iron		4910		978	ug/L	.402		(0%-20%)		
Lead		22.2	J	7.79	ug/L	75.1		(0%-20%)		
Magnesium		2990		595	ug/L	.533		(0%-20%)		
Manganese		232		48.9	ug/L	5.42		(0%-20%)		
Nickel		8.83	J	1.67	ug/L	5.49		(0%-20%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Potassium		3240		623	ug/L	3.77		(0%-20%)	HS2	03/26/26 11:54
Selenium	J	18.8	J	10.2	ug/L	172		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		1760		343	ug/L	2.46		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	J	4.87	J	1.26	ug/L	29.2		(0%-20%)		
Zinc		2710		572	ug/L	5.52		(0%-20%)		
Metals Analysis-Mercury										
Batch 2967072										
QC1206417514 769473001 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			PB1	03/26/26 10:12
QC1206417513 LCS										
Mercury 2.00				2.05	ug/L		102	(80%-120%)		03/26/26 10:09
QC1206417512 MB										
Mercury			U	ND	ug/L					03/26/26 10:07
QC1206417515 769473001 MS										
Mercury 2.00	U	ND		2.07	ug/L		103	(75%-125%)		03/26/26 10:14

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
QC1206418799 LCS										
1,1'-Biphenyl	50.0			31.8	ug/L		64	(45%-114%)	NM1	03/26/26 17:25
1,2,4,5-Tetrachlorobenzene	50.0			29.4	ug/L		59	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			32.4	ug/L		65	(41%-119%)		
2,4,5-Trichlorophenol	50.0			32.0	ug/L		64	(42%-122%)		
2,4,6-Trichlorophenol	50.0			31.8	ug/L		64	(40%-119%)		
2,4-Dichlorophenol	50.0			29.5	ug/L		59	(36%-111%)		
2,4-Dimethylphenol	50.0			18.0	ug/L		36	(31%-68%)		
2,4-Dinitrophenol	50.0			35.9	ug/L		72	(30%-120%)		
2,4-Dinitrotoluene	50.0			37.1	ug/L		74	(48%-128%)		
2,6-Dinitrotoluene	50.0			38.2	ug/L		76	(47%-124%)		
2-Chloronaphthalene	50.0			31.3	ug/L		63	(41%-113%)		
2-Chlorophenol	50.0			23.7	ug/L		47	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			37.2	ug/L		74	(32%-131%)		
2-Methylnaphthalene	50.0			36.1	ug/L		72	(42%-116%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
2-Nitrophenol	50.0			31.4	ug/L		63	(36%-115%)	NM1	03/26/26 17:25
3,3'-Dichlorobenzidine	50.0			33.7	ug/L		67	(43%-116%)		
4-Bromophenylphenylether	50.0			35.3	ug/L		71	(49%-125%)		
4-Chloro-3-methylphenol	50.0			31.1	ug/L		62	(35%-113%)		
4-Chloroaniline	50.0			30.2	ug/L		60	(39%-112%)		
4-Chlorophenylphenylether	50.0			34.8	ug/L		70	(48%-124%)		
4-Nitrophenol	50.0			13.3	ug/L		27	(25%-69%)		
Acenaphthene	50.0			32.7	ug/L		65	(44%-118%)		
Acenaphthylene	50.0			30.4	ug/L		61	(42%-110%)		
Acetophenone	50.0			33.7	ug/L		67	(44%-114%)		
Anthracene	50.0			34.8	ug/L		70	(49%-121%)		
Atrazine	50.0			41.3	ug/L		83	(49%-147%)		
Benzaldehyde	50.0			30.2	ug/L		60	(27%-111%)		
Benzo(a)anthracene	50.0			33.2	ug/L		66	(46%-121%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Benzo(a)pyrene	50.0			26.3	ug/L		53	(41%-120%)	NM1	03/26/26 17:25
Benzo(b)fluoranthene	50.0			34.2	ug/L		68	(45%-126%)		
Benzo(ghi)perylene	50.0			34.1	ug/L		68	(44%-129%)		
Benzo(k)fluoranthene	50.0			32.5	ug/L		65	(44%-126%)		
Butylbenzylphthalate	50.0			41.2	ug/L		82	(47%-135%)		
Carbazole	50.0			36.3	ug/L		73	(52%-127%)		
Chrysene	50.0			32.0	ug/L		64	(46%-121%)		
Di-n-butylphthalate	50.0			38.1	ug/L		76	(51%-132%)		
Di-n-octylphthalate	50.0			37.9	ug/L		76	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			34.1	ug/L		68	(42%-123%)		
Dibenzofuran	50.0			33.2	ug/L		66	(48%-118%)		
Diethylphthalate	50.0			36.5	ug/L		73	(51%-131%)		
Dimethylphthalate	50.0			35.8	ug/L		72	(48%-129%)		
Diphenylamine	50.0			29.3	ug/L		59	(49%-122%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Fluoranthene	50.0			36.3	ug/L		73	(50%-126%)	NM1	03/26/26 17:25
Fluorene	50.0			33.6	ug/L		67	(48%-122%)		
Hexachlorobenzene	50.0			34.4	ug/L		69	(46%-122%)		
Hexachlorobutadiene	50.0			25.3	ug/L		51	(32%-94%)		
Hexachlorocyclopentadiene	50.0			13.9	ug/L		28*	(31%-64%)		
Hexachloroethane	50.0			24.0	ug/L		48	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			34.2	ug/L		68	(40%-125%)		
Isophorone	50.0			35.2	ug/L		70	(39%-126%)		
N-Nitrosodipropylamine	50.0			35.9	ug/L		72	(44%-122%)		
Naphthalene	50.0			31.2	ug/L		62	(41%-107%)		
Nitrobenzene	50.0			34.2	ug/L		68	(42%-112%)		
Pentachlorophenol	50.0			35.0	ug/L		70	(36%-124%)		
Phenanthrene	50.0			34.9	ug/L		70	(48%-120%)		
Phenol	50.0			11.2	ug/L		22	(12%-90%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Pyrene	50.0			36.2	ug/L		72	(51%-127%)	NM1	03/26/26 17:25
bis(2-Chloro-1-methylethyl)ether	50.0			33.3	ug/L		67	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			35.4	ug/L		71	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			31.2	ug/L		62	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			36.1	ug/L		72	(42%-132%)		
m,p-Cresols	50.0		J	21.4	ug/L		43	(29%-82%)		
m-Nitroaniline	50.0			34.1	ug/L		68	(44%-119%)		
o-Cresol	50.0			21.1	ug/L		42	(29%-86%)		
o-Nitroaniline	50.0			37.7	ug/L		75	(45%-128%)		
p-Nitroaniline	50.0			37.5	ug/L		75	(46%-130%)		
**2,4,6-Tribromophenol	100			62.7	ug/L		63	(28%-113%)		
**2-Fluorobiphenyl	50.0			29.0	ug/L		58	(32%-102%)		
**2-Fluorophenol	100			27.5	ug/L		27	(15%-72%)		
**Nitrobenzene-d5	50.0			30.5	ug/L		61	(31%-100%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
**Phenol-d5	100			21.2	ug/L		21	(15%-85%)	NM1	03/26/26 17:25
**p-Terphenyl-d14	50.0			25.0	ug/L		50	(20%-118%)		
QC1206418798 MB										
1,1'-Biphenyl			U	ND	ug/L					03/26/26 17:02
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
2-Methyl-4,6-dinitrophenol			U	ND	ug/L				NM1	03/26/26 17:02
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Benzaldehyde			U	ND	ug/L				NM1	03/26/26 17:02
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Dimethylphthalate			U	ND	ug/L				NM1	03/26/26 17:02
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Phenanthrene			U	ND	ug/L				NM1	03/26/26 17:02
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			62.3	ug/L		62	(28%-113%)		
**2-Fluorobiphenyl	50.0			30.5	ug/L		61	(32%-102%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
**2-Fluorophenol	100				30.3	ug/L		30	(15%-72%)	NM1	03/26/26 17:02
**Nitrobenzene-d5	50.0				33.1	ug/L		66	(31%-100%)		
**Phenol-d5	100				22.2	ug/L		22	(15%-85%)		
**p-Terphenyl-d14	50.0				26.3	ug/L		53	(20%-118%)		
QC1206418800 769680001 MS											
1,1'-Biphenyl	100	U	ND		64.0	ug/L		64	(30%-119%)		03/26/26 20:56
1,2,4,5-Tetrachlorobenzene	100	U	ND		58.7	ug/L		59	(28%-109%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		67.2	ug/L		67	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		70.2	ug/L		70	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		67.7	ug/L		68	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		65.6	ug/L		66	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		46.0	ug/L		46	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		76.1	ug/L		76	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		73.0	ug/L		73	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		75.0	ug/L		75	(35%-126%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2967841												
2-Chloronaphthalene	100	U	ND		62.0	ug/L		62	(31%-114%)	NM1	03/26/26	20:56
2-Chlorophenol	100	U	ND		55.9	ug/L		56	(25%-106%)			
2-Methyl-4,6-dinitrophenol	100	U	ND		73.8	ug/L		74	(25%-131%)			
2-Methylnaphthalene	100	U	ND		70.5	ug/L		70	(32%-117%)			
2-Nitrophenol	100	U	ND		66.8	ug/L		67	(28%-118%)			
3,3'-Dichlorobenzidine	100	U	ND		54.2	ug/L		54	(24%-119%)			
4-Bromophenylphenylether	100	U	ND		68.2	ug/L		68	(36%-126%)			
4-Chloro-3-methylphenol	100	U	ND		73.7	ug/L		74	(32%-122%)			
4-Chloroaniline	100	U	ND		58.6	ug/L		59	(27%-117%)			
4-Chlorophenylphenylether	100	U	ND		68.4	ug/L		68	(35%-126%)			
4-Nitrophenol	100	U	ND		34.3	ug/L		34	(9%-95%)			
Acenaphthene	100	U	ND		65.2	ug/L		65	(33%-118%)			
Acenaphthylene	100	U	ND		60.9	ug/L		61	(30%-112%)			
Acetophenone	100	U	ND		67.4	ug/L		67	(31%-118%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Anthracene	100	U	ND		67.6	ug/L		68	(35%-122%)	NM1	03/26/26 20:56
Atrazine	100	U	ND		75.4	ug/L		75	(26%-158%)		
Benzaldehyde	100	U	ND		55.5	ug/L		55	(16%-109%)		
Benzo(a)anthracene	100	U	ND		64.8	ug/L		65	(33%-122%)		
Benzo(a)pyrene	100	U	ND		64.0	ug/L		64	(30%-121%)		
Benzo(b)fluoranthene	100	U	ND		68.1	ug/L		68	(33%-128%)		
Benzo(ghi)perylene	100	U	ND		69.0	ug/L		69	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		65.2	ug/L		65	(32%-128%)		
Butylbenzylphthalate	100	U	ND		82.0	ug/L		82	(35%-136%)		
Carbazole	100	U	ND		71.7	ug/L		72	(39%-129%)		
Chrysene	100	U	ND		64.3	ug/L		64	(34%-122%)		
Di-n-butylphthalate	100	U	ND		71.7	ug/L		72	(36%-133%)		
Di-n-octylphthalate	100	U	ND		77.4	ug/L		77	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		68.3	ug/L		68	(30%-124%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2967841												
Dibenzofuran	100	U	ND		66.1	ug/L		66	(36%-120%)	NM1	03/26/26	20:56
Diethylphthalate	100	U	ND		70.6	ug/L		71	(37%-133%)			
Dimethylphthalate	100	U	ND		71.0	ug/L		71	(36%-131%)			
Diphenylamine	100	U	ND		69.0	ug/L		69	(33%-124%)			
Fluoranthene	100	U	ND		68.5	ug/L		69	(36%-128%)			
Fluorene	100	U	ND		65.9	ug/L		66	(35%-124%)			
Hexachlorobenzene	100	U	ND		65.8	ug/L		66	(34%-123%)			
Hexachlorobutadiene	100	U	ND		51.4	ug/L		51	(22%-97%)			
Hexachlorocyclopentadiene	100	U	ND		26.7	ug/L		27	(18%-65%)			
Hexachloroethane	100	U	ND		47.4	ug/L		47	(20%-91%)			
Indeno(1,2,3-cd)pyrene	100	U	ND		69.3	ug/L		69	(29%-127%)			
Isophorone	100	U	ND		69.9	ug/L		70	(27%-128%)			
N-Nitrosodipropylamine	100	U	ND		70.4	ug/L		70	(30%-128%)			
Naphthalene	100	U	ND		61.4	ug/L		61	(30%-109%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Nitrobenzene	100	U	ND		68.0	ug/L		68	(30%-117%)	NM1	03/26/26 20:56
Pentachlorophenol	100	U	ND		70.7	ug/L		71	(30%-131%)		
Phenanthrene	100	U	ND		67.7	ug/L		68	(35%-122%)		
Phenol	100	U	ND		30.5	ug/L		30	(16%-74%)		
Pyrene	100	U	ND		68.0	ug/L		68	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		63.4	ug/L		63	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		69.1	ug/L		69	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		62.3	ug/L		62	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		74.5	ug/L		75	(29%-135%)		
m,p-Cresols	100	U	ND		54.7	ug/L		55	(21%-105%)		
m-Nitroaniline	100	U	ND		71.7	ug/L		72	(29%-127%)		
o-Cresol	100	U	ND		52.4	ug/L		52	(23%-104%)		
o-Nitroaniline	100	U	ND		75.7	ug/L		76	(32%-130%)		
p-Nitroaniline	100	U	ND		76.9	ug/L		77	(33%-134%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
**2,4,6-Tribromophenol	200		67.0		130	ug/L		65	(28%-113%)	NM1	03/26/26 20:56
**2-Fluorobiphenyl	100		29.3		57.1	ug/L		57	(32%-102%)		
**2-Fluorophenol	200		36.4		70.8	ug/L		35	(15%-72%)		
**Nitrobenzene-d5	100		31.4		59.0	ug/L		59	(31%-100%)		
**Phenol-d5	200		26.9		54.5	ug/L		27	(15%-85%)		
**p-Terphenyl-d14	100		17.9		45.9	ug/L		46	(20%-118%)		
QC1206418801 769680001 MSD											
1,1'-Biphenyl	100	U	ND		53.6	ug/L	18	54	(0%-30%)		03/26/26 21:19
1,2,4,5-Tetrachlorobenzene	100	U	ND		48.8	ug/L	18	49	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		57.4	ug/L	16	57	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		59.6	ug/L	16	60	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		58.3	ug/L	15	58	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		57.4	ug/L	13	57	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		40.3	ug/L	13	40	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		67.3	ug/L	12	67	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
2,4-Dinitrotoluene	100	U	ND		63.1	ug/L	15	63	(0%-30%)	NM1	03/26/26 21:19
2,6-Dinitrotoluene	100	U	ND		63.7	ug/L	16	64	(0%-30%)		
2-Chloronaphthalene	100	U	ND		52.3	ug/L	17	52	(0%-30%)		
2-Chlorophenol	100	U	ND		48.2	ug/L	15	48	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		62.0	ug/L	17	62	(0%-30%)		
2-Methylnaphthalene	100	U	ND		59.8	ug/L	16	60	(0%-30%)		
2-Nitrophenol	100	U	ND		55.7	ug/L	18	56	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		44.9	ug/L	19	45	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		58.5	ug/L	15	58	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		65.5	ug/L	12	65	(0%-30%)		
4-Chloroaniline	100	U	ND		50.9	ug/L	14	51	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		59.0	ug/L	15	59	(0%-30%)		
4-Nitrophenol	100	U	ND		40.7	ug/L	17	41	(0%-30%)		
Acenaphthene	100	U	ND		55.5	ug/L	16	56	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Acenaphthylene	100	U	ND		52.4	ug/L	15	52	(0%-30%)	NM1	03/26/26 21:19
Acetophenone	100	U	ND		57.1	ug/L	17	57	(0%-30%)		
Anthracene	100	U	ND		58.2	ug/L	15	58	(0%-30%)		
Atrazine	100	U	ND		68.8	ug/L	9	69	(0%-30%)		
Benzaldehyde	100	U	ND		47.3	ug/L	16	47	(0%-30%)		
Benzo(a)anthracene	100	U	ND		57.1	ug/L	13	57	(0%-30%)		
Benzo(a)pyrene	100	U	ND		55.2	ug/L	15	55	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		59.9	ug/L	13	60	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		56.6	ug/L	20	57	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		56.7	ug/L	14	57	(0%-30%)		
Butylbenzylphthalate	100	U	ND		70.9	ug/L	14	71	(0%-30%)		
Carbazole	100	U	ND		62.9	ug/L	13	63	(0%-30%)		
Chrysene	100	U	ND		54.6	ug/L	16	55	(0%-30%)		
Di-n-butylphthalate	100	U	ND		63.7	ug/L	12	64	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Di-n-octylphthalate	100	U	ND		67.2	ug/L	14	67	(0%-30%)	NM1	03/26/26 21:19
Dibenzo(a,h)anthracene	100	U	ND		56.5	ug/L	19	57	(0%-30%)		
Dibenzofuran	100	U	ND		55.9	ug/L	17	56	(0%-30%)		
Diethylphthalate	100	U	ND		61.5	ug/L	14	62	(0%-30%)		
Dimethylphthalate	100	U	ND		60.8	ug/L	15	61	(0%-30%)		
Diphenylamine	100	U	ND		59.7	ug/L	14	60	(0%-30%)		
Fluoranthene	100	U	ND		60.8	ug/L	12	61	(0%-30%)		
Fluorene	100	U	ND		57.5	ug/L	14	57	(0%-30%)		
Hexachlorobenzene	100	U	ND		57.2	ug/L	14	57	(0%-30%)		
Hexachlorobutadiene	100	U	ND		42.1	ug/L	20	42	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		21.0	ug/L	24	21	(0%-30%)		
Hexachloroethane	100	U	ND		37.0	ug/L	25	37	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		57.5	ug/L	19	57	(0%-30%)		
Isophorone	100	U	ND		58.9	ug/L	17	59	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
N-Nitrosodipropylamine	100	U	ND		60.7	ug/L	15	61	(0%-30%)	NM1	03/26/26 21:19
Naphthalene	100	U	ND		51.4	ug/L	18	51	(0%-30%)		
Nitrobenzene	100	U	ND		57.2	ug/L	17	57	(0%-30%)		
Pentachlorophenol	100	U	ND		62.3	ug/L	13	62	(0%-30%)		
Phenanthrene	100	U	ND		57.9	ug/L	16	58	(0%-30%)		
Phenol	100	U	ND		35.7	ug/L	16	36	(0%-30%)		
Pyrene	100	U	ND		59.6	ug/L	13	60	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		54.5	ug/L	15	55	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		58.9	ug/L	16	59	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		51.0	ug/L	20	51	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		64.6	ug/L	14	65	(0%-30%)		
m,p-Cresols	100	U	ND		53.9	ug/L	1	54	(0%-30%)		
m-Nitroaniline	100	U	ND		62.8	ug/L	13	63	(0%-30%)		
o-Cresol	100	U	ND		50.1	ug/L	4	50	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
o-Nitroaniline	100	U	ND		64.7	ug/L	16	65	(0%-30%)	NM1	03/26/26 21:19
p-Nitroaniline	100	U	ND		66.1	ug/L	15	66	(0%-30%)		
**2,4,6-Tribromophenol	200		67.0		116	ug/L		58	(28%-113%)		
**2-Fluorobiphenyl	100		29.3		50.2	ug/L		50	(32%-102%)		
**2-Fluorophenol	200		36.4		75.4	ug/L		38	(15%-72%)		
**Nitrobenzene-d5	100		31.4		52.4	ug/L		52	(31%-100%)		
**Phenol-d5	200		26.9		68.5	ug/L		34	(15%-85%)		
**p-Terphenyl-d14	100		17.9		45.8	ug/L		46	(20%-118%)		
Semi-Volatiles-PCB											
Batch 2969573											
QC1206421895 LCS											
Aroclor-1016	1.00				0.791	ug/L		79	(70%-130%)	NS2	03/31/26 17:46
Aroclor-1260	1.00				0.918	ug/L		92	(70%-130%)		
**4cmx	0.200				0.131	ug/L		65	(28%-114%)		
**Decachlorobiphenyl	0.200				0.198	ug/L		99	(30%-135%)		
QC1206421894 MB											
Aroclor-1016				U	ND	ug/L					03/31/26 17:34

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2969573										
Aroclor-1221			U	ND	ug/L				NS2	03/31/26 17:34
Aroclor-1232			U	ND	ug/L					
Aroclor-1242			U	ND	ug/L					
Aroclor-1248			U	ND	ug/L					
Aroclor-1254			U	ND	ug/L					
Aroclor-1260			U	ND	ug/L					
Aroclor-1262			U	ND	ug/L					
Aroclor-1268			U	ND	ug/L					
**4cmx	0.200			0.171	ug/L		85	(28%-114%)		
**Decachlorobiphenyl	0.200			0.227	ug/L		114	(30%-135%)		
Semi-Volatiles-Pesticide										
Batch 2966985										
QC1206417361 LCS										
4,4'-DDD	1.25			1.09	ug/L		87	(70%-130%)	LOF	03/26/26 19:28
4,4'-DDE	1.25			0.979	ug/L		78	(70%-130%)		
4,4'-DDT	1.25			1.08	ug/L		87	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
Aldrin	0.500			0.334	ug/L		67*	(70%-130%)	LOF	03/26/26 19:28
Dieldrin	1.25			1.09	ug/L		88	(70%-130%)		
Endosulfan I	0.500			0.388	ug/L		78	(70%-130%)		
Endosulfan II	1.25			1.03	ug/L		82	(70%-130%)		
Endosulfan sulfate	1.25			1.04	ug/L		84	(70%-130%)		
Endrin	1.25			1.19	ug/L		95	(70%-130%)		
Endrin aldehyde	1.25			1.15	ug/L		92	(70%-130%)		
Endrin ketone	1.25			1.09	ug/L		87	(70%-130%)		
Heptachlor	0.500			0.399	ug/L		80	(70%-130%)		
Heptachlor epoxide	0.500			0.455	ug/L		91	(70%-130%)		
Methoxychlor	5.00			4.29	ug/L		86	(70%-130%)		
alpha-BHC	0.500			0.432	ug/L		86	(70%-130%)		
beta-BHC	0.500			0.395	ug/L		79	(70%-130%)		
cis-Chlordane	0.500			0.402	ug/L		80	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
delta-BHC	0.500			0.470	ug/L		94	(70%-130%)	LOF	03/26/26 19:28
gamma-BHC (Lindane)	0.500			0.441	ug/L		88	(70%-130%)		
trans-Chlordane	0.500			0.401	ug/L		80	(70%-130%)		
**4cmx	1.00			0.746	ug/L		75	(29%-119%)		
**Decachlorobiphenyl	1.00			0.912	ug/L		91	(43%-140%)		
QC1206417364 LCS										
Toxaphene	4.00			3.76	ug/L		94	(70%-130%)		03/26/26 19:43
**4cmx	1.00			0.786	ug/L		79	(29%-119%)		
**Decachlorobiphenyl	1.00			0.947	ug/L		95	(43%-140%)		
QC1206417365 LCS										
**4cmx	1.00			0.850	ug/L		85	(29%-119%)		03/26/26 19:58
**Decachlorobiphenyl	1.00			0.972	ug/L		97	(43%-140%)		
QC1206417366 LCS										
**4cmx	1.10			0.912	ug/L		83	(29%-119%)		03/26/26 20:12
**Decachlorobiphenyl	1.20			1.11	ug/L		93	(43%-140%)		
QC1206417360 MB										
4,4'-DDD			U	ND	ug/L					03/26/26 19:13

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
4,4'-DDE			U	ND	ug/L				LOF	03/26/26 19:13
4,4'-DDT			U	ND	ug/L					
Aldrin			U	ND	ug/L					
Dieldrin			U	ND	ug/L					
Endosulfan I			U	ND	ug/L					
Endosulfan II			U	ND	ug/L					
Endosulfan sulfate			U	ND	ug/L					
Endrin			U	ND	ug/L					
Endrin aldehyde			U	ND	ug/L					
Endrin ketone			U	ND	ug/L					
Heptachlor			U	ND	ug/L					
Heptachlor epoxide			U	ND	ug/L					
Methoxychlor			U	ND	ug/L					
Toxaphene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
alpha-BHC			U	ND	ug/L				LOF	03/26/26 19:13
beta-BHC			U	ND	ug/L					
cis-Chlordane			U	ND	ug/L					
delta-BHC			U	ND	ug/L					
gamma-BHC (Lindane)			U	ND	ug/L					
trans-Chlordane			U	ND	ug/L					
**4cmx	1.00			0.815	ug/L		81	(29%-119%)		
**Decachlorobiphenyl	1.00			0.964	ug/L		96	(43%-140%)		
QC1206417362 769481001 MS										
4,4'-DDD	2.50	U	ND	1.86	ug/L		74	(38%-152%)		03/26/26 21:12
4,4'-DDE	2.50	U	ND	1.63	ug/L		65	(34%-144%)		
4,4'-DDT	2.50	U	ND	1.72	ug/L		69	(33%-152%)		
Aldrin	1.00	U	ND	0.673	ug/L		67	(10%-146%)		
Dieldrin	2.50	U	ND	1.89	ug/L		75	(40%-144%)		
Endosulfan I	1.00	U	ND	0.658	ug/L		66	(35%-138%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2966985											
Endosulfan II	2.50	U	ND		1.75	ug/L		70	(36%-145%)	LOF	03/26/26 21:12
Endosulfan sulfate	2.50	U	ND		1.78	ug/L		71	(38%-150%)		
Endrin	2.50	U	ND		2.11	ug/L		84	(34%-164%)		
Endrin aldehyde	2.50	U	ND		1.91	ug/L		76	(37%-159%)		
Endrin ketone	2.50	U	ND		1.87	ug/L		75	(39%-144%)		
Heptachlor	1.00	U	ND		0.697	ug/L		70	(30%-143%)		
Heptachlor epoxide	1.00	U	ND		0.819	ug/L		82	(34%-148%)		
Methoxychlor	10.0	U	ND		7.59	ug/L		76	(32%-151%)		
alpha-BHC	1.00	U	ND		0.847	ug/L		85	(38%-146%)		
beta-BHC	1.00	U	ND		0.752	ug/L		75	(35%-138%)		
cis-Chlordane	1.00	U	ND		0.651	ug/L		65	(31%-141%)		
delta-BHC	1.00	U	ND		0.914	ug/L		91	(38%-149%)		
gamma-BHC (Lindane)	1.00	U	ND		0.824	ug/L		82	(34%-140%)		
trans-Chlordane	1.00	U	ND		0.638	ug/L		64	(32%-143%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 2966985												
**4cmx	2.00		0.664		1.27	ug/L			63	(29%-119%)	LOF	03/26/26 21:12
**Decachlorobiphenyl	2.00		0.549		1.27	ug/L			63	(43%-140%)		
QC1206417363 769481001 MSD												
4,4'-DDD	2.50	U	ND		1.23	ug/L	40	*	49	(0%-30%)		03/26/26 21:27
4,4'-DDE	2.50	U	ND		1.15	ug/L	35	*	46	(0%-30%)		
4,4'-DDT	2.50	U	ND		1.25	ug/L	32	*	50	(0%-30%)		
Aldrin	1.00	U	ND		0.452	ug/L	39	*	45	(0%-30%)		
Dieldrin	2.50	U	ND	P	3.38	ug/L	57	*	135	(0%-30%)		
Endosulfan I	1.00	U	ND		0.505	ug/L	26		50	(0%-30%)		
Endosulfan II	2.50	U	ND		1.18	ug/L	39	*	47	(0%-30%)		
Endosulfan sulfate	2.50	U	ND		1.19	ug/L	40	*	48	(0%-30%)		
Endrin	2.50	U	ND		1.42	ug/L	39	*	57	(0%-30%)		
Endrin aldehyde	2.50	U	ND		1.27	ug/L	40	*	51	(0%-30%)		
Endrin ketone	2.50	U	ND		1.22	ug/L	42	*	49	(0%-30%)		
Heptachlor	1.00	U	ND		0.524	ug/L	28		52	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 2966985												
Heptachlor epoxide	1.00	U	ND		0.612	ug/L	29		61	(0%-30%)	LOF	03/26/26 21:27
Methoxychlor	10.0	U	ND		5.09	ug/L	39	*	51	(0%-30%)		
alpha-BHC	1.00	U	ND		0.514	ug/L	49	*	51	(0%-30%)		
beta-BHC	1.00	U	ND		0.490	ug/L	42	*	49	(0%-30%)		
cis-Chlordane	1.00	U	ND		0.468	ug/L	33	*	47	(0%-30%)		
delta-BHC	1.00	U	ND		0.586	ug/L	44	*	59	(0%-30%)		
gamma-BHC (Lindane)	1.00	U	ND		0.520	ug/L	45	*	52	(0%-30%)		
trans-Chlordane	1.00	U	ND		0.500	ug/L	24		50	(0%-30%)		
**4cmx	2.00		0.664		0.886	ug/L			44	(29%-119%)		
**Decachlorobiphenyl	2.00		0.549		0.861	ug/L			43	(43%-140%)		
Spectrometric Analysis												
Batch 2966917												
QC1206417242 769625001 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A				BR2	03/24/26 18:33
QC1206417244 769625011 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A					03/24/26 18:33
QC1206417241 LCS												
Hexavalent Chromium	0.0472				0.0503	mg/L			107	(85%-115%)		03/24/26 18:33

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2966917											
QC1206417240 MB											
Hexavalent Chromium				U	ND	mg/L				BR2	03/24/26 18:33
QC1206417243 769625001 MS											
Hexavalent Chromium	0.0472	U	ND		0.0514	mg/L		107	(85%-115%)		03/24/26 18:33
QC1206417245 769625011 MS											
Hexavalent Chromium	0.0472	U	ND		0.0607	mg/L		129*	(85%-115%)		03/24/26 18:33
Volatile-GC/MS											
Batch 2971014											
QC1206424674 LCS											
1,1,1-Trichloroethane	50.0				48.3	ug/L		97	(70%-130%)	JM6	04/01/26 11:14
1,1,2,2-Tetrachloroethane	50.0				44.3	ug/L		89	(70%-130%)		
1,1,2-Trichloroethane	50.0				46.0	ug/L		92	(70%-130%)		
1,1-Dichloroethane	50.0				47.8	ug/L		96	(70%-130%)		
1,1-Dichloroethylene	50.0				49.7	ug/L		99	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				46.8	ug/L		94	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				46.8	ug/L		94	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				49.5	ug/L		99	(70%-130%)		
1,2-Dibromoethane	50.0				47.9	ug/L		96	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
1,2-Dichlorobenzene	50.0			45.1	ug/L		90	(70%-130%)	JM6	04/01/26 11:14
1,2-Dichloroethane	50.0			45.7	ug/L		91	(70%-130%)		
1,2-Dichloropropane	50.0			46.0	ug/L		92	(70%-130%)		
1,3-Dichlorobenzene	50.0			45.9	ug/L		92	(70%-130%)		
1,4-Dichlorobenzene	50.0			44.9	ug/L		90	(70%-130%)		
2-Butanone	250			214	ug/L		86	(70%-130%)		
2-Hexanone	250			222	ug/L		89	(70%-130%)		
4-Methyl-2-pentanone	250			224	ug/L		90	(70%-130%)		
Acetone	250			240	ug/L		96	(70%-130%)		
Benzene	50.0			45.6	ug/L		91	(70%-130%)		
Bromochloromethane	50.0			46.9	ug/L		94	(70%-130%)		
Bromodichloromethane	50.0			47.7	ug/L		95	(70%-130%)		
Bromoform	50.0			50.0	ug/L		100	(70%-130%)		
Bromomethane	50.0			42.0	ug/L		84	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Carbon disulfide	250			245	ug/L		98	(70%-130%)	JM6	04/01/26 11:14
Carbon tetrachloride	50.0			49.6	ug/L		99	(70%-130%)		
Chlorobenzene	50.0			45.6	ug/L		91	(70%-130%)		
Chloroethane	50.0			42.7	ug/L		85	(70%-130%)		
Chloroform	50.0			46.8	ug/L		94	(70%-130%)		
Chloromethane	50.0			37.6	ug/L		75	(70%-130%)		
Cyclohexane	50.0			46.8	ug/L		94	(70%-130%)		
Dibromochloromethane	50.0			48.8	ug/L		98	(70%-130%)		
Dichlorodifluoromethane	50.0			35.1	ug/L		70	(70%-130%)		
Ethylbenzene	50.0			46.1	ug/L		92	(70%-130%)		
Isopropylbenzene	50.0			47.8	ug/L		96	(70%-130%)		
Methyl acetate	250			223	ug/L		89	(70%-130%)		
Methylcyclohexane	50.0			47.5	ug/L		95	(70%-130%)		
Methylene chloride	50.0		B	44.0	ug/L		88	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Styrene	50.0			46.8	ug/L		94	(70%-130%)	JM6	04/01/26 11:14
Tetrachloroethylene	50.0			47.3	ug/L		95	(70%-130%)		
Toluene	50.0			45.7	ug/L		91	(70%-130%)		
Trichloroethylene	50.0			48.3	ug/L		97	(70%-130%)		
Trichlorofluoromethane	50.0			39.5	ug/L		79	(70%-130%)		
Vinyl chloride	50.0			40.1	ug/L		80	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			50.5	ug/L		101	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			48.4	ug/L		97	(70%-130%)		
m,p-Xylenes	100			91.3	ug/L		91	(70%-130%)		
o-Xylene	50.0			45.2	ug/L		90	(70%-130%)		
tert-Butyl methyl ether	50.0			45.5	ug/L		91	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			47.8	ug/L		96	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			47.5	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			47.7	ug/L		95	(71%-131%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
**Bromofluorobenzene	50.0			49.0	ug/L		98	(77%-123%)	JM6	04/01/26 11:14
**Toluene-d8	50.0			49.5	ug/L		99	(77%-121%)		
QC1206424675 LCS										
1,4-Dioxane	2500			2310	ug/L		92	(70%-130%)		04/01/26 11:39
Trichlorotrifluoroethane	250			224	ug/L		90	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			49.4	ug/L		99	(71%-131%)		
**Bromofluorobenzene	50.0			49.7	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			49.4	ug/L		99	(77%-121%)		
QC1206424676 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/01/26 12:56
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2971014											
1,2-Dibromo-3-chloropropane			U	ND	ug/L				JM6	04/01/26	12:56
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Bromodichloromethane			U	ND	ug/L				JM6	04/01/26 12:56
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Methyl acetate			U	ND	ug/L				JM6	04/01/26 12:56
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			J	1.13	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
tert-Butyl methyl ether				U	ND	ug/L				JM6	04/01/26 12:56
trans-1,2-Dichloroethylene				U	ND	ug/L					
trans-1,3-Dichloropropylene				U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0				53.1	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0				51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0				52.0	ug/L		104	(77%-121%)		
QC1206424677 769603002 MS											
1,1,1-Trichloroethane	50.0	U	ND		42.5	ug/L		85	(60%-123%)		04/01/26 19:42
1,1,2,2-Tetrachloroethane	50.0	U	ND		42.2	ug/L		84	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		43.1	ug/L		86	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		43.2	ug/L		86	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		45.9	ug/L		92	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		41.1	ug/L		82	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		41.1	ug/L		82	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		46.4	ug/L		93	(49%-133%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
1,2-Dibromoethane	50.0	U	ND		44.4	ug/L		89	(66%-125%)	JM6	04/01/26 19:42
1,2-Dichlorobenzene	50.0	U	ND		41.0	ug/L		82	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		42.2	ug/L		84	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		41.4	ug/L		83	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		40.2	ug/L		80	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		39.3	ug/L		79	(54%-123%)		
2-Butanone	250	U	ND		205	ug/L		82	(59%-136%)		
2-Hexanone	250	U	ND		210	ug/L		84	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		211	ug/L		85	(63%-135%)		
Acetone	250	U	ND		205	ug/L		82	(50%-140%)		
Benzene	50.0	U	ND		40.5	ug/L		81	(64%-119%)		
Bromochloromethane	50.0	U	ND		42.9	ug/L		86	(63%-130%)		
Bromodichloromethane	50.0	U	ND		42.6	ug/L		85	(65%-125%)		
Bromoform	50.0	U	ND		44.3	ug/L		89	(49%-129%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Bromomethane	50.0	U	ND		38.3	ug/L		77	(55%-154%)	JM6	04/01/26 19:42
Carbon disulfide	250	U	ND		214	ug/L		86	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		43.3	ug/L		87	(60%-127%)		
Chlorobenzene	50.0	U	ND		40.5	ug/L		81	(61%-120%)		
Chloroethane	50.0	U	ND		39.1	ug/L		78	(60%-138%)		
Chloroform	50.0	U	ND		42.2	ug/L		84	(64%-122%)		
Chloromethane	50.0	U	ND		34.0	ug/L		68	(43%-161%)		
Cyclohexane	50.0	U	ND		40.7	ug/L		81	(51%-125%)		
Dibromochloromethane	50.0	U	ND		43.9	ug/L		88	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		25.8	ug/L		52	(37%-162%)		
Ethylbenzene	50.0	U	ND		41.0	ug/L		82	(57%-122%)		
Isopropylbenzene	50.0	U	ND		43.3	ug/L		87	(53%-128%)		
Methyl acetate	250	U	ND		207	ug/L		83	(58%-145%)		
Methylcyclohexane	50.0	U	ND		39.7	ug/L		79	(58%-122%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Methylene chloride	50.0	BJ	0.710	B	40.5	ug/L		80	(61%-135%)	JM6	04/01/26 19:42
Styrene	50.0	U	ND		41.3	ug/L		83	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		40.7	ug/L		81	(53%-124%)		
Toluene	50.0	U	ND		40.8	ug/L		82	(60%-120%)		
Trichloroethylene	50.0	U	ND		42.7	ug/L		85	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		36.0	ug/L		72	(51%-134%)		
Vinyl chloride	50.0	U	ND		34.7	ug/L		69	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		44.8	ug/L		90	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		41.9	ug/L		84	(61%-123%)		
m,p-Xylenes	100	U	ND		80.1	ug/L		80	(58%-122%)		
o-Xylene	50.0	U	ND		41.0	ug/L		82	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		42.3	ug/L		85	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	J	0.380		43.2	ug/L		86	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		41.4	ug/L		83	(62%-127%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
**1,2-Dichloroethane-d4	50.0		54.2		50.1	ug/L		100	(71%-131%)	JM6	04/01/26 19:42
**Bromofluorobenzene	50.0		52.2		50.3	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		50.2	ug/L		100	(77%-121%)		
QC1206424679 769603002 MS											
1,4-Dioxane	2500	U	ND		2250	ug/L		90	(50%-136%)		04/01/26 20:33
Trichlorotrifluoroethane	250	U	ND		202	ug/L		81	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		54.2		50.8	ug/L		102	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.4	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		49.9	ug/L		100	(77%-121%)		
QC1206424678 769603002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		42.3	ug/L	1	85	(0%-20%)		04/01/26 20:08
1,1,2,2-Tetrachloroethane	50.0	U	ND		41.7	ug/L	1	83	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		42.2	ug/L	2	84	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		42.5	ug/L	1	85	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		45.6	ug/L	1	91	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		43.1	ug/L	5	86	(0%-20%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2971014												
1,2,4-Trichlorobenzene	50.0	U	ND		43.1	ug/L	5	86	(0%-20%)	JM6	04/01/26	20:08
1,2-Dibromo-3-chloropropane	50.0	U	ND		50.3	ug/L	8	101	(0%-20%)			
1,2-Dibromoethane	50.0	U	ND		44.4	ug/L	0	89	(0%-20%)			
1,2-Dichlorobenzene	50.0	U	ND		41.2	ug/L	1	82	(0%-20%)			
1,2-Dichloroethane	50.0	U	ND		42.5	ug/L	1	85	(0%-20%)			
1,2-Dichloropropane	50.0	U	ND		41.8	ug/L	1	84	(0%-20%)			
1,3-Dichlorobenzene	50.0	U	ND		40.3	ug/L	0	81	(0%-20%)			
1,4-Dichlorobenzene	50.0	U	ND		39.5	ug/L	1	79	(0%-20%)			
2-Butanone	250	U	ND		207	ug/L	1	83	(0%-20%)			
2-Hexanone	250	U	ND		211	ug/L	0	84	(0%-20%)			
4-Methyl-2-pentanone	250	U	ND		211	ug/L	0	84	(0%-20%)			
Acetone	250	U	ND		211	ug/L	3	84	(0%-20%)			
Benzene	50.0	U	ND		40.4	ug/L	0	81	(0%-20%)			
Bromochloromethane	50.0	U	ND		43.4	ug/L	1	87	(0%-20%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2971014												
Bromodichloromethane	50.0	U	ND		43.3	ug/L	2	87	(0%-20%)	JM6	04/01/26	20:08
Bromoform	50.0	U	ND		44.2	ug/L	0	88	(0%-20%)			
Bromomethane	50.0	U	ND		41.6	ug/L	8	83	(0%-20%)			
Carbon disulfide	250	U	ND		215	ug/L	1	86	(0%-20%)			
Carbon tetrachloride	50.0	U	ND		43.0	ug/L	1	86	(0%-20%)			
Chlorobenzene	50.0	U	ND		40.4	ug/L	0	81	(0%-20%)			
Chloroethane	50.0	U	ND		42.2	ug/L	7	84	(0%-20%)			
Chloroform	50.0	U	ND		42.3	ug/L	0	85	(0%-20%)			
Chloromethane	50.0	U	ND		35.9	ug/L	6	72	(0%-20%)			
Cyclohexane	50.0	U	ND		40.7	ug/L	0	81	(0%-20%)			
Dibromochloromethane	50.0	U	ND		44.0	ug/L	0	88	(0%-20%)			
Dichlorodifluoromethane	50.0	U	ND		28.8	ug/L	11	58	(0%-20%)			
Ethylbenzene	50.0	U	ND		41.0	ug/L	0	82	(0%-20%)			
Isopropylbenzene	50.0	U	ND		43.1	ug/L	0	86	(0%-20%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2971014												
Methyl acetate	250	U	ND		206	ug/L	0	83	(0%-20%)	JM6	04/01/26	20:08
Methylcyclohexane	50.0	U	ND		40.8	ug/L	3	82	(0%-20%)			
Methylene chloride	50.0	BJ	0.710	B	40.6	ug/L	0	80	(0%-20%)			
Styrene	50.0	U	ND		41.3	ug/L	0	83	(0%-20%)			
Tetrachloroethylene	50.0	U	ND		40.9	ug/L	0	82	(0%-20%)			
Toluene	50.0	U	ND		40.7	ug/L	0	81	(0%-20%)			
Trichloroethylene	50.0	U	ND		42.6	ug/L	0	85	(0%-20%)			
Trichlorofluoromethane	50.0	U	ND		38.5	ug/L	7	77	(0%-20%)			
Vinyl chloride	50.0	U	ND		37.9	ug/L	9	76	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND		44.5	ug/L	1	89	(0%-20%)			
cis-1,3-Dichloropropylene	50.0	U	ND		42.4	ug/L	1	85	(0%-20%)			
m,p-Xylenes	100	U	ND		79.5	ug/L	1	79	(0%-20%)			
o-Xylene	50.0	U	ND		40.7	ug/L	1	81	(0%-20%)			
tert-Butyl methyl ether	50.0	U	ND		42.4	ug/L	0	85	(0%-20%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
trans-1,2-Dichloroethylene	50.0	J	0.380		43.2	ug/L	0	86	(0%-20%)	JM6	04/01/26 20:08
trans-1,3-Dichloropropylene	50.0	U	ND		41.6	ug/L	0	83	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.2		49.9	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.4	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		49.6	ug/L		99	(77%-121%)		
QC1206424680 769603002 MSD											
1,4-Dioxane	2500	U	ND		2180	ug/L	3	87	(0%-20%)		04/01/26 20:59
Trichlorotrifluoroethane	250	U	ND		191	ug/L	6	76	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.2		50.7	ug/L		101	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.2	ug/L		100	(77%-123%)		
**Toluene-d8	50.0		50.9		49.7	ug/L		99	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
P	P	Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
J	J	Value is estimated
E	E	Concentration of the target analyte exceeds the instrument calibration range
h	h	Preparation or preservation holding time was exceeded
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
B	B	The target analyte was detected in the associated blank.

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number:
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon (ELP26-0217)
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 769625

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: ~~Groundwater and Surface Water Sampling~~ Liberty Steel
Address: ~~2040 Savage Road, Charleston, SC 29407~~ Georgetown, SC
Collected By: Heath Lowry
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify):

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

Sample ID (Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	(7) Should this sample be considered: Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved) *	Hexavalent Chromium (Dissolved) *	Trip Blank	DI Water			< (6) Preservative Type	Comments Note: extra sample is required for sample specific QC
									HA	Ø	NI	Ø	NI	Ø						
LS-SW-01	3-24-26	0835	*N	G	SW			9	3	2	1	1	1	1						
LS-SW-05	3-24-26	0912	*N	G	SW			9	3	2	1	1	1	1						*Dissolved Total TAL Metals and Hg Field Filtered
																				*Dissolved Hexavalent Chromium Field Filtered

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Heath Lowry	3/24/26	1445		3-24-26	1445
2		3-24-26	1640		3.24.26	1640
3						

Select Deliverable: [ ] Results and QC Summary [ ]Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246712
For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: ____ °C
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive * If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.*****

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)
TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

5 of 5

PO Number: _____
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon GELP26-0217
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number:

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: ~~Groundwater and Surface Water Sampling~~ Liberty Steel
Address: ~~2040 Savage Road, Charleston, SC 29407~~ Georgetown, SC
Collected By: Heath Lowry
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

Sample ID Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	(7) Should this sample be considered: Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL PCBs	Cyanide	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved)	Hexavalent Chromium (Dissolved)	Trip Blank	TCL Pesticides	< (6) Preservative Type
			Ø	SH	HA	Ø	NI	Ø	NI	O		Ø	
LS-TW-13	3-24-26	1055	*N	G	GW			9			3	2	1	1	1	1			*Total TAL Metals and
LS-TW-02	↓	1218	↓	↓	↓			14	2	1	3	2	1	1	1	1		2	Hg (Dissolved) ↓
LS-TW-10		1400						9			3	2	1	1	1	1			Hexavalent chromium
LS-TW-10-DP		1410		DUP				9			3	2	1	1	1	1			(Dissolved) are
																			both field filtered

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Heath Lowry	3/24/26	1445	[signature]	3-24-26	1445
2	[signature]	3-24-26	1640	[signature]	3.24.26	1640
3						

Select Deliverable: [ ] Results and QC Summary [ ]Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246869

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: _____°C

For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB), Field Reagent Blank, Field Duplicate (DUP), Trip Blank (TB), Matrix Spike (MS), Matrix Spike Duplicate (MSD), Composite (C), Grab (G)

(4) Matrix Codes
Biosolid (SB), Concrete (C), Drinking Water (DW), Fecal (FC), Filter (F), Groundwater (GW), Leachate (L), Misc Liquid (ML), Oil (O), Sediment (SD), Sludge (SL), Soil (SO), Solid Waste (SS), Surface Water (SW), Tissue (T), Urine (U), Vegetation (V), Water (W), Wastewater (WW), Wipe (P)

(6) Preservative Type
Ammonium Acetate (AM), Ascorbic Acid (AA), Hexane (HX), Hydrochloric Acid (HA), Methanol (ME), Nitric Acid (NI), Sodium Hydroxide (SH), Sodium Bisulfate (SBA), Sodium Bisulfite SBI), Sulfuric Acid (SA), Trizma (TZ), Zinc Acetate (ZA)
Leave blank if no preservative is added.

(7) Radioactive * If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.*****

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals: Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg), Selenium (Se), Silver (Ag), Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous? *Yes [ ] No [ ]*

Characteristic: Flammable/Ignitable (FL), Corrosive (CO), Reactive (RE)
TSCA Regulated: **Polychlorinated biphenyls (PCB)**

Listed Waste: Listed Waste (LW) *(F,K,P and U-listed wastes.)* ***Waste code(s):***

Other: Other / Unknown (OT) *(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)* ***Description:***

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 769625	GEL PM:
Received By: Joel Boatwright	Date Received at GEL: 3.24.26	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services (Courier) Client Other:	IR Temp gun # IR3-25 Daily Calibration Performed? (Y)N	

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).
Cooler 1	4				
Cooler 2	4				
Cooler 3	2				
Cooler 4	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials GS Date 3/25/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 769625

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2971014

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625003	LS-SW-05
769625005	LS-TW-13
769625007	LS-TW-02
769625009	LS-TW-10
769625011	LS-TW-10 DP
1206424674	Laboratory Control Sample (LCS) **Batch 2971014**
1206424675	Laboratory Control Sample (LCS)
1206424676	Method Blank (MB)
1206424677	769603002(NonSDG) Matrix Spike (MS)
1206424678	769603002(NonSDG) Matrix Spike Duplicate (MSD)
1206424679	769603002(NonSDG) Matrix Spike (MS)
1206424680	769603002(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206424676 (MB)	Methylene chloride	1.13 ug/L between (0.5 - 5)

Miscellaneous Information

Manual Integrations
Some initial calibration standards, continuing calibration standards, and/or samples may have required manual integrations due to software limitations.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2967841

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2967840

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625003	LS-SW-05
769625005	LS-TW-13
769625007	LS-TW-02
769625009	LS-TW-10
769625011	LS-TW-10 DP
1206418798	Method Blank (MB) **Batch 2967841**
1206418799	Laboratory Control Sample (LCS)
1206418800	769680001(NonSDG) Matrix Spike (MS)
1206418801	769680001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries

Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted out of holding and passed surrogate recovery acceptance criteria. As the sample results confirmed, the lab reported the in holding results.

Sample	Analyte	Value
769625011 (LS-TW-10 DP)	2, 4, 6-Tribromophenol	27* (28%-113%)
	2-Fluorophenol	13* (15%-72%)
	Phenol-d5	11* (15%-85%)
	p-Terphenyl-d14	12* (20%-118%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206418799 (LCS)	Hexachlorocyclopentadiene	28* (31%-64%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2966985

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2966984

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625007	LS-TW-02
1206417360	Method Blank (MB) **Batch 2966985**
1206417361	Laboratory Control Sample (LCS)
1206417362	769481001(NonSDG) Matrix Spike (MS)
1206417363	769481001(NonSDG) Matrix Spike Duplicate (MSD)
1206417364	Laboratory Control Sample (LCS)
1206417365	Laboratory Control Sample (LCS)
1206417366	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification (CCV) Requirements
Calibration verification standard (ICV or CCV) requirements have not been met for sample 769625007 (LS-TW-02) in this batch in this SDG. One or more target analytes failed acceptance criteria with a positive bias in the standards bracketing the samples in this SDG. These target analytes were not detected above the PQL in the associated environmental samples; therefore, the non-compliance had no adverse effect on the data.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) did not meet acceptance criteria for surrogate recovery. There was no more sample aliquot available for re-extraction; therefore, the data were reported.

Sample	Analyte	Value
769625007 (LS-TW-02)	Decachlorobiphenyl	10* (43%-140%)

Laboratory Control Sample (LCS/LCSD) Recovery

There is no more SC sample available for re-extraction.

Sample	Analyte	Value
1206417361 (LCS)	Aldrin	67* (70%-130%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair.

Sample	Analyte	Value
1206417362MS and 1206417363MSD (Non SDG 769481001)	4, 4’-DDD	RPD 40* (0%-30%)
	4, 4’-DDE	RPD 35* (0%-30%)
	4, 4’-DDT	RPD 32* (0%-30%)
	Aldrin	RPD 39* (0%-30%)
	Dieldrin	RPD 57* (0%-30%)
	Endosulfan II	RPD 39* (0%-30%)
	Endosulfan sulfate	RPD 40* (0%-30%)
	Endrin	RPD 39* (0%-30%)
	Endrin aldehyde	RPD 40* (0%-30%)
	Endrin ketone	RPD 42* (0%-30%)
	Methoxychlor	RPD 39* (0%-30%)
	alpha-BHC	RPD 49* (0%-30%)
	beta-BHC	RPD 42* (0%-30%)
	cis-Chlordane	RPD 33* (0%-30%)
	delta-BHC	RPD 44* (0%-30%)
	gamma-BHC (Lindane)	RPD 45* (0%-30%)

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3535A/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2969573

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2969572

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625007	LS-TW-02
1206421894	Method Blank (MB) **Batch 2969573**
1206421895	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations
Samples 1206421894 (MB) and 1206421895 (LCS) required manual integration to correctly position the baseline as set in the calibration standard injections and to properly identify one or more peaks.

Additional Comments
A set of MS/MSD analysis was performed in this batch; however, the MS/MSD results were not reported because the parent sample was re-extracted and reported in another batch.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2967014

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2967013

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625002	LS-SW-01 Field Filtered
769625003	LS-SW-05
769625004	LS-SW-05 Field Filtered
769625005	LS-TW-13
769625006	LS-TW-13 Field Filtered
769625007	LS-TW-02
769625008	LS-TW-02 Field Filtered
769625009	LS-TW-10
769625010	LS-TW-10 Field Filtered
769625011	LS-TW-10 DP
769625012	LS-TW-10 DP Field Filtered
1206417411	Method Blank (MB)**ICP Batch 2967014**
1206417412	Laboratory Control Sample (LCS)
1206417416	769625001(LS-SW-01L) Serial Dilution (SD)
1206417413	769625001(LS-SW-01S) Matrix Spike (MS)
1206417414	769625001(LS-SW-01SD) Matrix Spike Duplicate (MSD)
1206417415	769625001(LS-SW-01PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike recovery was within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recovery may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206417413 (LS-SW-01MS)	Iron	74.2* (75%-125%)

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2967072

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2967069

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625002	LS-SW-01 Field Filtered
769625003	LS-SW-05
769625004	LS-SW-05 Field Filtered
769625005	LS-TW-13
769625006	LS-TW-13 Field Filtered
769625007	LS-TW-02
769625008	LS-TW-02 Field Filtered
769625009	LS-TW-10
769625010	LS-TW-10 Field Filtered
769625011	LS-TW-10 DP
769625012	LS-TW-10 DP Field Filtered
1206417512	Method Blank (MB)**CVAA Batch 2967072**
1206417513	Laboratory Control Sample (LCS)
1206417514	769473001(NonSDGD) Sample Duplicate (DUP)
1206417515	769473001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2971830

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2971825

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625007	LS-TW-02
1206426028	Method Blank (MB) **Batch 2971830**
1206426029	Laboratory Control Sample (LCS)

1206426030	769481004(NonSDG) Sample Duplicate (DUP)
1206426031	769481004(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2966917

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625002	LS-SW-01 Field Filtered
769625003	LS-SW-05
769625004	LS-SW-05 Field Filtered
769625005	LS-TW-13
769625006	LS-TW-13 Field Filtered
769625007	LS-TW-02
769625008	LS-TW-02 Field Filtered
769625009	LS-TW-10
769625010	LS-TW-10 Field Filtered
769625011	LS-TW-10 DP
769625012	LS-TW-10 DP Field Filtered
1206417240	Method Blank (MB) **Batch 2966917**
1206417241	Laboratory Control Sample (LCS)
1206417242	769625001(LS-SW-01) Sample Duplicate (DUP)
1206417243	769625001(LS-SW-01) Matrix Spike (MS)
1206417244	769625011(LS-TW-10 DP) Sample Duplicate (DUP)
1206417245	769625011(LS-TW-10 DP) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value

Hexavalent Chromium	1206417245 (LS-TW-10 DPMS)	129* (85%-115%)

Technical Information

Sample Dilutions

The following samples 1206417244 (LS-TW-10 DPDUP), 1206417245 (LS-TW-10 DPMS), 769625005 (LS-TW-13), 769625009 (LS-TW-10) and 769625011 (LS-TW-10 DP) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	**769625**		
	005	**009**	**011**
Hexavalent Chromium	5X	5X	5X

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771102

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 06, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771102 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771102 GEL Work Order: 771102

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
E Concentration of the target analyte exceeds the instrument calibration range
J Value is estimated
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040626
Sample ID: 771102001
Matrix: Waste Water
Collect Date: 06-APR-26 13:00
Receive Date: 06-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1133	2977529	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040626 Project: RVDE00226C
Sample ID: 771102001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.07	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.2 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	50.5 ug/L	50.0	101	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.8 ug/L	50.0	98	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-09	Project:	RVDE00226C
Sample ID:	771102002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	06-APR-26 13:15		
Receive Date:	06-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/08/26	0953	2973199	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1380	68.0	200	ug/L	1.00	1	HS2	04/13/26	1418	2973303	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		95.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		80600	50.0	200	ug/L	1.00	1					
Chromium	J	8.14	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		5320	30.0	100	ug/L	1.00	1					
Lead	J	10.1	3.30	20.0	ug/L	1.00	1					
Magnesium		39400	110	300	ug/L	1.00	1					
Manganese		343	2.00	10.0	ug/L	1.00	1					
Nickel	J	2.87	1.50	5.00	ug/L	1.00	1					
Selenium	J	25.0	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		44400	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		5.39	1.00	5.00	ug/L	1.00	1					
Zinc	J	14.2	3.30	20.0	ug/L	1.00	1					
Potassium		7700	50.0	250	ug/L	1.00	1	HS2	04/14/26	1026	2973303	3
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.94	9.80	ug/L	0.000980	1	BM1	04/08/26	1748	2973326	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.94	9.80	ug/L	0.000980	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
2,4,5-Trichlorophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
2,4,6-Trichlorophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
2,4-Dichlorophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
2,4-Dimethylphenol	U	ND	2.94	9.80	ug/L	0.000980	1					
2,4-Dinitrophenol	U	ND	4.90	19.6	ug/L	0.000980	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-09 Project: RVDE00226C
Sample ID: 771102002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.94	9.80	ug/L	0.000980	1					
2,6-Dinitrotoluene	U	ND	2.94	9.80	ug/L	0.000980	1					
2-Chloronaphthalene	U	ND	0.402	0.980	ug/L	0.000980	1					
2-Chlorophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
2-Methylnaphthalene	U	ND	0.294	0.980	ug/L	0.000980	1					
2-Nitrophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
3,3'-Dichlorobenzidine	U	ND	2.94	9.80	ug/L	0.000980	1					
4-Bromophenylphenylether	U	ND	2.94	9.80	ug/L	0.000980	1					
4-Chloro-3-methylphenol	U	ND	2.94	9.80	ug/L	0.000980	1					
4-Chloroaniline	U	ND	3.24	9.80	ug/L	0.000980	1					
4-Chlorophenylphenylether	U	ND	2.94	9.80	ug/L	0.000980	1					
4-Nitrophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
Acenaphthene	U	ND	0.294	0.980	ug/L	0.000980	1					
Acenaphthylene	U	ND	0.294	0.980	ug/L	0.000980	1					
Acetophenone	U	ND	2.94	9.80	ug/L	0.000980	1					
Anthracene	U	ND	0.294	0.980	ug/L	0.000980	1					
Atrazine	U	ND	2.94	9.80	ug/L	0.000980	1					
Benzaldehyde	U	ND	2.94	9.80	ug/L	0.000980	1					
Benzo(a)anthracene	U	ND	0.294	0.980	ug/L	0.000980	1					
Benzo(a)pyrene	U	ND	0.294	0.980	ug/L	0.000980	1					
Benzo(b)fluoranthene	U	ND	0.294	0.980	ug/L	0.000980	1					
Benzo(ghi)perylene	U	ND	0.294	0.980	ug/L	0.000980	1					
Benzo(k)fluoranthene	U	ND	0.294	0.980	ug/L	0.000980	1					
Butylbenzylphthalate	U	ND	0.294	0.980	ug/L	0.000980	1					
Carbazole	U	ND	0.294	0.980	ug/L	0.000980	1					
Chrysene	U	ND	0.294	0.980	ug/L	0.000980	1					
Di-n-butylphthalate	U	ND	0.294	0.980	ug/L	0.000980	1					
Di-n-octylphthalate	U	ND	0.294	0.980	ug/L	0.000980	1					
Dibenzo(a,h)anthracene	U	ND	0.294	0.980	ug/L	0.000980	1					
Dibenzofuran	U	ND	2.94	9.80	ug/L	0.000980	1					
Diethylphthalate	J	0.304	0.294	0.980	ug/L	0.000980	1					
Dimethylphthalate	U	ND	0.294	0.980	ug/L	0.000980	1					
Diphenylamine	U	ND	2.94	9.80	ug/L	0.000980	1					
Fluoranthene	U	ND	0.294	0.980	ug/L	0.000980	1					
Fluorene	U	ND	0.294	0.980	ug/L	0.000980	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-09 Project: RVDE00226C
Sample ID: 771102002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.94	9.80	ug/L	0.000980	1					
Hexachlorobutadiene	U	ND	2.94	9.80	ug/L	0.000980	1					
Hexachlorocyclopentadiene	U	ND	2.94	9.80	ug/L	0.000980	1					
Hexachloroethane	U	ND	2.94	9.80	ug/L	0.000980	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.294	0.980	ug/L	0.000980	1					
Isophorone	U	ND	3.43	9.80	ug/L	0.000980	1					
N-Nitrosodipropylamine	U	ND	2.94	9.80	ug/L	0.000980	1					
Naphthalene	U	ND	0.294	0.980	ug/L	0.000980	1					
Nitrobenzene	U	ND	2.94	9.80	ug/L	0.000980	1					
Pentachlorophenol	U	ND	2.94	9.80	ug/L	0.000980	1					
Phenanthrene	U	ND	0.294	0.980	ug/L	0.000980	1					
Phenol	U	ND	2.94	9.80	ug/L	0.000980	1					
Pyrene	U	ND	0.294	0.980	ug/L	0.000980	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.94	9.80	ug/L	0.000980	1					
bis(2-Chloroethoxy)methane	U	ND	2.94	9.80	ug/L	0.000980	1					
bis(2-Chloroethyl) ether	U	ND	2.94	9.80	ug/L	0.000980	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.294	0.980	ug/L	0.000980	1					
m,p-Cresols	U	ND	3.63	9.80	ug/L	0.000980	1					
m-Nitroaniline	U	ND	2.94	9.80	ug/L	0.000980	1					
o-Cresol	U	ND	2.94	9.80	ug/L	0.000980	1					
o-Nitroaniline	U	ND	2.94	9.80	ug/L	0.000980	1					
p-Nitroaniline	U	ND	2.94	9.80	ug/L	0.000980	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1143	2973290	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1158	2977529	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-09 Project: RVDE00226C
Sample ID: 771102002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	2.81	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.04	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-09 Project: RVDE00226C
Sample ID: 771102002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/07/26	1330	2973198
SW846 3005A	SW846 3005A for 6010D	ES3	04/07/26	0800	2973302
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/07/26	0805	2973325

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	22.7 ug/L	49.0	46	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	24.4 ug/L	49.0	50	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	18.1 ug/L	49.0	37	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	51.6 ug/L	98.0	53	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	16.2 ug/L	98.0	17	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	24.7 ug/L	98.0	25	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.4 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.3 ug/L	50.0	103	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-09	Project:	RVDE00226C
Sample ID:	771102002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-09 Field Filtered	Project:	RVDE00226C
Sample ID:	771102003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	06-APR-26 13:15		
Receive Date:	06-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/08/26	0955	2973199	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	04/13/26	1435	2973303	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		90.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		76400	50.0	200	ug/L	1.00	1					
Chromium	J	4.34	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		3630	30.0	100	ug/L	1.00	1					
Lead	J	5.23	3.30	20.0	ug/L	1.00	1					
Magnesium		41100	110	300	ug/L	1.00	1					
Manganese		322	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.73	1.50	5.00	ug/L	1.00	1					
Selenium	J	29.6	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		41800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.63	3.30	20.0	ug/L	1.00	1					
Potassium		7930	50.0	250	ug/L	1.00	1	HS2	04/14/26	1043	2973303	3
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1143	2973290	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/07/26	0800	2973302
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/07/26	1330	2973198

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-09 Field Filtered	Project:	RVDE00226C
Sample ID:	771102003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-06	Project:	RVDE00226C
Sample ID:	771102004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	06-APR-26 14:20		
Receive Date:	06-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/08/26	1000	2973199	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1410	68.0	200	ug/L	1.00	1	HS2	04/13/26	1437	2973303	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	22.4	5.00	30.0	ug/L	1.00	1					
Barium		58.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		110000	50.0	200	ug/L	1.00	1					
Chromium	J	7.89	1.00	10.0	ug/L	1.00	1					
Cobalt	J	2.78	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		26100	30.0	100	ug/L	1.00	1					
Lead	J	7.89	3.30	20.0	ug/L	1.00	1					
Magnesium		19700	110	300	ug/L	1.00	1					
Manganese		486	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Selenium	J	24.4	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16300	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.38	1.00	5.00	ug/L	1.00	1					
Zinc	J	6.62	3.30	20.0	ug/L	1.00	1					
Potassium		4670	50.0	250	ug/L	1.00	1	HS2	04/14/26	1046	2973303	3
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.85	9.51	ug/L	0.000951	1	BM1	04/13/26	1757	2975606	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.85	9.51	ug/L	0.000951	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4,5-Trichlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4,6-Trichlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4-Dichlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4-Dimethylphenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2,4-Dinitrophenol	U	ND	4.76	19.0	ug/L	0.000951	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-06 Project: RVDE00226C
Sample ID: 771102004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.85	9.51	ug/L	0.000951	1					
2,6-Dinitrotoluene	U	ND	2.85	9.51	ug/L	0.000951	1					
2-Chloronaphthalene	U	ND	0.390	0.951	ug/L	0.000951	1					
2-Chlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
2-Methylnaphthalene	U	ND	0.285	0.951	ug/L	0.000951	1					
2-Nitrophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
3,3'-Dichlorobenzidine	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Bromophenylphenylether	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Chloro-3-methylphenol	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Chloroaniline	U	ND	3.14	9.51	ug/L	0.000951	1					
4-Chlorophenylphenylether	U	ND	2.85	9.51	ug/L	0.000951	1					
4-Nitrophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
Acenaphthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Acenaphthylene	U	ND	0.285	0.951	ug/L	0.000951	1					
Acetophenone	U	ND	2.85	9.51	ug/L	0.000951	1					
Anthracene	U	ND	0.285	0.951	ug/L	0.000951	1					
Atrazine	U	ND	2.85	9.51	ug/L	0.000951	1					
Benzaldehyde	U	ND	2.85	9.51	ug/L	0.000951	1					
Benzo(a)anthracene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(a)pyrene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(b)fluoranthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(ghi)perylene	U	ND	0.285	0.951	ug/L	0.000951	1					
Benzo(k)fluoranthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Butylbenzylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Carbazole	U	ND	0.285	0.951	ug/L	0.000951	1					
Chrysene	U	ND	0.285	0.951	ug/L	0.000951	1					
Di-n-butylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Di-n-octylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Dibenzo(a,h)anthracene	U	ND	0.285	0.951	ug/L	0.000951	1					
Dibenzofuran	U	ND	2.85	9.51	ug/L	0.000951	1					
Diethylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Dimethylphthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
Diphenylamine	U	ND	2.85	9.51	ug/L	0.000951	1					
Fluoranthene	U	ND	0.285	0.951	ug/L	0.000951	1					
Fluorene	U	ND	0.285	0.951	ug/L	0.000951	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-06 Project: RVDE00226C
Sample ID: 771102004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.85	9.51	ug/L	0.000951	1					
Hexachlorobutadiene	U	ND	2.85	9.51	ug/L	0.000951	1					
Hexachlorocyclopentadiene	U	ND	2.85	9.51	ug/L	0.000951	1					
Hexachloroethane	U	ND	2.85	9.51	ug/L	0.000951	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.285	0.951	ug/L	0.000951	1					
Isophorone	U	ND	3.33	9.51	ug/L	0.000951	1					
N-Nitrosodipropylamine	U	ND	2.85	9.51	ug/L	0.000951	1					
Naphthalene	U	ND	0.285	0.951	ug/L	0.000951	1					
Nitrobenzene	U	ND	2.85	9.51	ug/L	0.000951	1					
Pentachlorophenol	U	ND	2.85	9.51	ug/L	0.000951	1					
Phenanthrene	U	ND	0.285	0.951	ug/L	0.000951	1					
Phenol	U	ND	2.85	9.51	ug/L	0.000951	1					
Pyrene	U	ND	0.285	0.951	ug/L	0.000951	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.85	9.51	ug/L	0.000951	1					
bis(2-Chloroethoxy)methane	U	ND	2.85	9.51	ug/L	0.000951	1					
bis(2-Chloroethyl) ether	U	ND	2.85	9.51	ug/L	0.000951	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.285	0.951	ug/L	0.000951	1					
m,p-Cresols	U	ND	3.52	9.51	ug/L	0.000951	1					
m-Nitroaniline	U	ND	2.85	9.51	ug/L	0.000951	1					
o-Cresol	U	ND	2.85	9.51	ug/L	0.000951	1					
o-Nitroaniline	U	ND	2.85	9.51	ug/L	0.000951	1					
p-Nitroaniline	U	ND	2.85	9.51	ug/L	0.000951	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1143	2973290	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1224	2977529	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-06 Project: RVDE00226C
Sample ID: 771102004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	2.30	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.01	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-06 Project: RVDE00226C
Sample ID: 771102004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/07/26	1330	2973198
SW846 3005A	SW846 3005A for 6010D	ES3	04/07/26	0800	2973302
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/13/26	0832	2975605
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/07/26	0805	2973325

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "As Received"	26.1 ug/L	47.6	55	(32%-102%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	23.2 ug/L	47.6	49	(31%-100%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	15.9 ug/L	47.6	33	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	56.2 ug/L	95.1	59	(28%-113%)
2-Fluorophenol	8270 TCL BNA "As Received"	25.1 ug/L	95.1	26	(15%-72%)
Phenol-d5	8270 TCL BNA "As Received"	17.0 ug/L	95.1	18	(15%-85%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.0 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.2 ug/L	50.0	102	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.6 ug/L	50.0	97	(77%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-06	Project:	RVDE00226C
Sample ID:	771102004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-06	Project:	RVDE00226C
Sample ID:	771102005	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	06-APR-26 14:20		
Receive Date:	06-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/08/26	1002	2973199	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	04/13/26	1439	2973303	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.93	5.00	30.0	ug/L	1.00	1					
Barium		53.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		112000	50.0	200	ug/L	1.00	1					
Chromium	J	5.08	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.90	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		18100	30.0	100	ug/L	1.00	1					
Lead	J	9.51	3.30	20.0	ug/L	1.00	1					
Magnesium		20000	110	300	ug/L	1.00	1					
Manganese		481	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Selenium		31.9	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.24	1.00	5.00	ug/L	1.00	1					
Zinc	J	3.50	3.30	20.0	ug/L	1.00	1					
Potassium		4660	50.0	250	ug/L	1.00	1	HS2	04/14/26	1048	2973303	3
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1143	2973290	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/07/26	0800	2973302
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/07/26	1330	2973198

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-06	Project:	RVDE00226C
Sample ID:	771102005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2973303											
QC1206428286 LCS											
Aluminum	5000			4900	ug/L		97.9	(80%-120%)	HS2	04/13/26	14:15
Antimony	500			487	ug/L		97.3	(80%-120%)			
Arsenic	500			498	ug/L		99.6	(80%-120%)			
Barium	500			484	ug/L		96.7	(80%-120%)			
Beryllium	500			468	ug/L		93.6	(80%-120%)			
Cadmium	500			476	ug/L		95.2	(80%-120%)			
Calcium	5000			5000	ug/L		100	(80%-120%)			
Chromium	500			491	ug/L		98.3	(80%-120%)			
Cobalt	500			482	ug/L		96.4	(80%-120%)			
Copper	500			487	ug/L		97.5	(80%-120%)			
Iron	5000			4970	ug/L		99.3	(80%-120%)			
Lead	500			501	ug/L		100	(80%-120%)			

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2973303										
Magnesium	5000			4990	ug/L		99.8	(80%-120%)	HS2	04/13/26 14:15
Manganese	500			480	ug/L		96	(80%-120%)		
Nickel	500			493	ug/L		98.7	(80%-120%)		
Potassium	5000			4750	ug/L		95	(80%-120%)		04/14/26 10:24
Selenium	500			466	ug/L		93.3	(80%-120%)		04/13/26 14:15
Silver	100			95.1	ug/L		95.1	(80%-120%)		
Sodium	5000			4790	ug/L		95.7	(80%-120%)		
Thallium	500			523	ug/L		105	(80%-120%)		
Vanadium	500			488	ug/L		97.6	(80%-120%)		
Zinc	500			474	ug/L		94.8	(80%-120%)		
QC1206428285 MB										
Aluminum			U	ND	ug/L					04/13/26 14:12
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2973303										
Beryllium			U	ND	ug/L				HS2	04/13/26 14:12
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			J	1.85	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			J	9.95	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					04/14/26 10:20
Selenium			U	ND	ug/L					04/13/26 14:12
Silver			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2973303											
Sodium				U	ND	ug/L				HS2	04/13/26 14:12
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206428287 771102002 MS											
Aluminum	5000		1380		7640	ug/L		125	(75%-125%)		04/13/26 14:20
Antimony	500	U	ND		497	ug/L		98.8	(75%-125%)		
Arsenic	500	U	ND		520	ug/L		104	(75%-125%)		
Barium	500		95.5		569	ug/L		94.7	(75%-125%)		
Beryllium	500	U	ND		470	ug/L		93.8	(75%-125%)		
Cadmium	500	U	ND		470	ug/L		94.1	(75%-125%)		
Calcium	5000		80600		84900	ug/L		N/A	(75%-125%)		
Chromium	500	J	8.14		506	ug/L		99.7	(75%-125%)		
Cobalt	500	U	ND		475	ug/L		94.9	(75%-125%)		
Copper	500	U	ND		498	ug/L		99.2	(75%-125%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2973303											
Iron	5000		5320		10400	ug/L		101	(75%-125%)	HS2	04/13/26 14:20
Lead	500	J	10.1		483	ug/L		94.6	(75%-125%)		
Magnesium	5000		39400		43900	ug/L		N/A	(75%-125%)		
Manganese	500		343		811	ug/L		93.6	(75%-125%)		
Nickel	500	J	2.87		485	ug/L		96.4	(75%-125%)		
Potassium	5000		7700		12500	ug/L		95.8	(75%-125%)		04/14/26 10:28
Selenium	500	J	25.0		509	ug/L		96.7	(75%-125%)		04/13/26 14:20
Silver	100	U	ND		96.9	ug/L		96.9	(75%-125%)		
Sodium	5000		44400		48700	ug/L		N/A	(75%-125%)		
Thallium	500	U	ND		502	ug/L		100	(75%-125%)		
Vanadium	500		5.39		500	ug/L		98.9	(75%-125%)		
Zinc	500	J	14.2		496	ug/L		96.3	(75%-125%)		
QC1206428288 771102002 MSD											
Aluminum	5000		1380		7780	ug/L	1.84	128*	(0%-20%)		04/13/26 14:22
Antimony	500	U	ND		506	ug/L	1.87	101	(0%-20%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2973303												
Arsenic	500	U	ND		521	ug/L	0.282	104	(0%-20%)	HS2	04/13/26	14:22
Barium	500		95.5		580	ug/L	1.94	97	(0%-20%)			
Beryllium	500	U	ND		480	ug/L	2.22	95.9	(0%-20%)			
Cadmium	500	U	ND		475	ug/L	1.08	95.1	(0%-20%)			
Calcium	5000		80600		86600	ug/L	1.98	N/A	(0%-20%)			
Chromium	500	J	8.14		509	ug/L	0.453	100	(0%-20%)			
Cobalt	500	U	ND		486	ug/L	2.34	97.2	(0%-20%)			
Copper	500	U	ND		498	ug/L	0.0222	99.2	(0%-20%)			
Iron	5000		5320		10600	ug/L	1.87	105	(0%-20%)			
Lead	500	J	10.1		493	ug/L	2.08	96.7	(0%-20%)			
Magnesium	5000		39400		44700	ug/L	1.83	N/A	(0%-20%)			
Manganese	500		343		819	ug/L	1.08	95.4	(0%-20%)			
Nickel	500	J	2.87		488	ug/L	0.529	96.9	(0%-20%)			
Potassium	5000		7700		12700	ug/L	1.78	100	(0%-20%)		04/14/26	10:31

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2973303											
Selenium	500	J	25.0		501	ug/L	1.51	95.2	(0%-20%)	HS2	04/13/26 14:22
Silver	100	U	ND		99.8	ug/L	3.04	99.8	(0%-20%)		
Sodium	5000		44400		49700	ug/L	2.02	N/A	(0%-20%)		
Thallium	500	U	ND		502	ug/L	0.0358	100	(0%-20%)		
Vanadium	500		5.39		500	ug/L	0.0574	98.9	(0%-20%)		
Zinc	500	J	14.2		493	ug/L	0.505	95.8	(0%-20%)		
QC1206428289 771102002 PS											
Aluminum	5000		1380		6230	ug/L			(75%-125%)		04/13/26 14:24
QC1206428290 771102002 SDILT											
Aluminum			1380		290	ug/L	5.01		(0%-20%)		04/13/26 14:32
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium			95.5		20.0	ug/L	4.43		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium			80600		17100	ug/L	6.04		(0%-20%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2973303										
Chromium	J	8.14	J	2.46	ug/L	51.2		(0%-20%)	HS2	04/13/26 14:32
Cobalt	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Copper	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Iron		5320		1110	ug/L	3.82		(0%-20%)		
Lead	J	10.1	J	7.06	ug/L	248		(0%-20%)		
Magnesium		39400		8270	ug/L	4.96		(0%-20%)		
Manganese		343		73.7	ug/L	7.57		(0%-20%)		
Nickel	J	2.87	U	ND	ug/L	N/A		(0%-20%)		
Potassium		7700		1470	ug/L	4.51		(0%-20%)		04/14/26 10:41
Selenium	J	25.0	J	15.8	ug/L	216		(0%-20%)		04/13/26 14:32
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		44400		9360	ug/L	5.5		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		5.39	J	1.53	ug/L	41.5		(0%-20%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2973303											
Zinc		J	14.2	J	3.31	ug/L	16.2		(0%-20%)	HS2	04/13/26 14:32
Metals Analysis-Mercury											
Batch 2973199											
QC1206428171 770785001 DUP											
Mercury		U	ND	U	ND	ug/L	N/A			PB1	04/08/26 09:35
QC1206428170 LCS											
Mercury	2.00				2.04	ug/L		102	(80%-120%)		04/08/26 09:32
QC1206428169 MB											
Mercury				U	ND	ug/L					04/08/26 09:30
QC1206428172 770785001 MS											
Mercury	20.0	U	ND	U	ND	ug/L		0*	(75%-125%)		04/08/26 09:40
QC1206428173 770785001 PS											
Mercury	2.00	U	ND		2.02	ug/L		99.3	(80%-120%)		04/08/26 09:42
Semi-Volatile-GC/MS											
Batch 2973326											
QC1206428337 LCS											
1,2,4,5-Tetrachlorobenzene	50.0				29.9	ug/L		60	(39%-107%)	BM1	04/08/26 12:30
2,3,4,6-Tetrachlorophenol	50.0				34.6	ug/L		69	(41%-119%)		
2,4,5-Trichlorophenol	50.0				33.8	ug/L		68	(42%-122%)		
2,4,6-Trichlorophenol	50.0				32.5	ug/L		65	(40%-119%)		
2,4-Dichlorophenol	50.0				29.4	ug/L		59	(36%-111%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2973326											
2,4-Dimethylphenol	50.0			15.8	ug/L		32	(31%-68%)	BM1	04/08/26	12:30
2,4-Dinitrophenol	50.0			33.1	ug/L		66	(30%-120%)			
2,4-Dinitrotoluene	50.0			35.3	ug/L		71	(48%-128%)			
2,6-Dinitrotoluene	50.0			36.3	ug/L		73	(47%-124%)			
2-Chloronaphthalene	50.0			38.8	ug/L		78	(41%-113%)			
2-Chlorophenol	50.0			24.9	ug/L		50	(30%-95%)			
2-Methyl-4,6-dinitrophenol	50.0			33.1	ug/L		66	(32%-131%)			
2-Methylnaphthalene	50.0			36.6	ug/L		73	(42%-116%)			
2-Nitrophenol	50.0			31.6	ug/L		63	(36%-115%)			
3,3'-Dichlorobenzidine	50.0			33.9	ug/L		68	(43%-116%)			
4-Bromophenylphenylether	50.0			37.1	ug/L		74	(49%-125%)			
4-Chloro-3-methylphenol	50.0			28.2	ug/L		56	(35%-113%)			
4-Chloroaniline	50.0			28.8	ug/L		58	(39%-112%)			
4-Chlorophenylphenylether	50.0			37.0	ug/L		74	(48%-124%)			

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
4-Nitrophenol	50.0			18.7	ug/L		37	(25%-69%)	BM1	04/08/26 12:30
Acenaphthene	50.0			33.8	ug/L		68	(44%-118%)		
Acenaphthylene	50.0			30.8	ug/L		62	(42%-110%)		
Acetophenone	50.0			32.8	ug/L		66	(44%-114%)		
Anthracene	50.0			34.1	ug/L		68	(49%-121%)		
Atrazine	50.0			26.2	ug/L		52	(49%-147%)		
Benzaldehyde	50.0			14.9	ug/L		30	(27%-111%)		
Benzo(a)anthracene	50.0			34.8	ug/L		70	(46%-121%)		
Benzo(a)pyrene	50.0			33.3	ug/L		67	(41%-120%)		
Benzo(b)fluoranthene	50.0			39.3	ug/L		79	(45%-126%)		
Benzo(ghi)perylene	50.0			34.1	ug/L		68	(44%-129%)		
Benzo(k)fluoranthene	50.0			34.5	ug/L		69	(44%-126%)		
Butylbenzylphthalate	50.0			37.2	ug/L		74	(47%-135%)		
Carbazole	50.0			37.3	ug/L		75	(52%-127%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
Chrysene	50.0			35.1	ug/L		70	(46%-121%)	BM1	04/08/26 12:30
Di-n-butylphthalate	50.0			37.7	ug/L		75	(51%-132%)		
Di-n-octylphthalate	50.0			35.8	ug/L		72	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			34.5	ug/L		69	(42%-123%)		
Dibenzofuran	50.0			34.9	ug/L		70	(48%-118%)		
Diethylphthalate	50.0			35.8	ug/L		72	(51%-131%)		
Dimethylphthalate	50.0			35.3	ug/L		71	(48%-129%)		
Diphenylamine	50.0			35.2	ug/L		70	(49%-122%)		
Fluoranthene	50.0			38.1	ug/L		76	(50%-126%)		
Fluorene	50.0			34.9	ug/L		70	(48%-122%)		
Hexachlorobenzene	50.0			36.5	ug/L		73	(46%-122%)		
Hexachlorobutadiene	50.0			30.7	ug/L		61	(32%-94%)		
Hexachlorocyclopentadiene	50.0			12.2	ug/L		24*	(31%-64%)		
Hexachloroethane	50.0			27.9	ug/L		56	(31%-89%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
Indeno(1,2,3-cd)pyrene	50.0			34.3	ug/L		69	(40%-125%)	BM1	04/08/26 12:30
Isophorone	50.0			27.7	ug/L		55	(39%-126%)		
N-Nitrosodipropylamine	50.0			33.9	ug/L		68	(44%-122%)		
Naphthalene	50.0			32.3	ug/L		65	(41%-107%)		
Nitrobenzene	50.0			31.8	ug/L		64	(42%-112%)		
Pentachlorophenol	50.0			40.7	ug/L		81	(36%-124%)		
Phenanthrene	50.0			35.8	ug/L		72	(48%-120%)		
Phenol	50.0			13.6	ug/L		27	(12%-90%)		
Pyrene	50.0			38.1	ug/L		76	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			30.9	ug/L		62	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			41.4	ug/L		83	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			32.3	ug/L		65	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			35.2	ug/L		70	(42%-132%)		
m,p-Cresols	50.0			24.2	ug/L		48	(29%-82%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
m-Nitroaniline	50.0			32.9	ug/L		66	(44%-119%)	BM1	04/08/26 12:30
o-Cresol	50.0			21.7	ug/L		43	(29%-86%)		
o-Nitroaniline	50.0			38.4	ug/L		77	(45%-128%)		
p-Nitroaniline	50.0			35.7	ug/L		71	(46%-130%)		
**2,4,6-Tribromophenol	100			69.4	ug/L		69	(28%-113%)		
**2-Fluorobiphenyl	50.0			30.0	ug/L		60	(32%-102%)		
**2-Fluorophenol	100			30.1	ug/L		30	(15%-72%)		
**Nitrobenzene-d5	50.0			29.0	ug/L		58	(31%-100%)		
**Phenol-d5	100			22.6	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0			32.9	ug/L		66	(20%-118%)		
QC1206428336 MB										
1,1'-Biphenyl			U	ND	ug/L					04/08/26 12:06
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
2,4,6-Trichlorophenol			U	ND	ug/L				BM1	04/08/26 12:06
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
4-Chloroaniline			U	ND	ug/L				BM1	04/08/26 12:06
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
Butylbenzylphthalate			U	ND	ug/L				BM1	04/08/26 12:06
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
Hexachlorocyclopentadiene			U	ND	ug/L				BM1	04/08/26 12:06
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2973326										
bis(2-Ethylhexyl)phthalate			U	ND	ug/L				BM1	04/08/26 12:06
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			68.4	ug/L		68	(28%-113%)		
**2-Fluorobiphenyl	50.0			29.7	ug/L		59	(32%-102%)		
**2-Fluorophenol	100			28.7	ug/L		29	(15%-72%)		
**Nitrobenzene-d5	50.0			26.9	ug/L		54	(31%-100%)		
**Phenol-d5	100			20.3	ug/L		20	(15%-85%)		
**p-Terphenyl-d14	50.0			34.5	ug/L		69	(20%-118%)		
QC1206428338 770893001 MS										
1,2,4,5-Tetrachlorobenzene	93.3	U	ND	70.7	ug/L		76	(28%-109%)		04/08/26 14:21
2,3,4,6-Tetrachlorophenol	93.3	U	ND	93.0	ug/L		100	(31%-125%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973326											
2,4,5-Trichlorophenol	93.3	U	ND		93.3	ug/L		100	(32%-128%)	BM1	04/08/26 14:21
2,4,6-Trichlorophenol	93.3	U	ND		89.1	ug/L		95	(32%-122%)		
2,4-Dichlorophenol	93.3	U	ND		86.1	ug/L		92	(30%-117%)		
2,4-Dimethylphenol	93.3	U	ND		50.2	ug/L		54	(21%-75%)		
2,4-Dinitrophenol	93.3	U	ND		97.2	ug/L		104	(24%-128%)		
2,4-Dinitrotoluene	93.3	U	ND		92.9	ug/L		100	(36%-129%)		
2,6-Dinitrotoluene	93.3	U	ND		93.4	ug/L		100	(35%-126%)		
2-Chloronaphthalene	93.3	U	ND		96.0	ug/L		103	(31%-114%)		
2-Chlorophenol	93.3	U	ND		79.8	ug/L		86	(25%-106%)		
2-Methyl-4,6-dinitrophenol	93.3	U	ND		91.2	ug/L		98	(25%-131%)		
2-Methylnaphthalene	93.3	U	ND		90.1	ug/L		97	(32%-117%)		
2-Nitrophenol	93.3	U	ND		82.8	ug/L		89	(28%-118%)		
3,3'-Dichlorobenzidine	93.3	U	ND		84.9	ug/L		91	(24%-119%)		
4-Bromophenylphenylether	93.3	U	ND		94.5	ug/L		101	(36%-126%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973326											
4-Chloro-3-methylphenol	93.3	U	ND		90.1	ug/L		97	(32%-122%)	BM1	04/08/26 14:21
4-Chloroaniline	93.3	U	ND		78.9	ug/L		85	(27%-117%)		
4-Chlorophenylphenylether	93.3	U	ND		93.3	ug/L		100	(35%-126%)		
4-Nitrophenol	93.3	U	ND		86.9	ug/L		93	(9%-95%)		
Acenaphthene	93.3	U	ND		86.2	ug/L		92	(33%-118%)		
Acenaphthylene	93.3	U	ND		77.1	ug/L		83	(30%-112%)		
Acetophenone	93.3	U	ND		79.0	ug/L		85	(31%-118%)		
Anthracene	93.3	U	ND		86.7	ug/L		93	(35%-122%)		
Atrazine	93.3	U	ND		54.8	ug/L		59	(26%-158%)		
Benzaldehyde	93.3	U	ND	J	18.1	ug/L		19	(16%-109%)		
Benzo(a)anthracene	93.3	U	ND		89.1	ug/L		95	(33%-122%)		
Benzo(a)pyrene	93.3	U	ND		88.3	ug/L		95	(30%-121%)		
Benzo(b)fluoranthene	93.3	U	ND		99.0	ug/L		106	(33%-128%)		
Benzo(ghi)perylene	93.3	U	ND		88.8	ug/L		95	(31%-131%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973326											
Benzo(k)fluoranthene	93.3	U	ND		95.1	ug/L		102	(32%-128%)	BM1	04/08/26 14:21
Butylbenzylphthalate	93.3	U	ND		98.9	ug/L		106	(35%-136%)		
Carbazole	93.3	U	ND		94.8	ug/L		102	(39%-129%)		
Chrysene	93.3	U	ND		90.9	ug/L		97	(34%-122%)		
Di-n-butylphthalate	93.3	U	ND		94.1	ug/L		101	(36%-133%)		
Di-n-octylphthalate	93.3	U	ND		94.6	ug/L		101	(29%-136%)		
Dibenzo(a,h)anthracene	93.3	U	ND		89.8	ug/L		96	(30%-124%)		
Dibenzofuran	93.3	U	ND		87.6	ug/L		94	(36%-120%)		
Diethylphthalate	93.3	U	ND		90.8	ug/L		97	(37%-133%)		
Dimethylphthalate	93.3	U	ND		91.7	ug/L		98	(36%-131%)		
Diphenylamine	93.3	U	ND		89.2	ug/L		96	(33%-124%)		
Fluoranthene	93.3	U	ND		94.3	ug/L		101	(36%-128%)		
Fluorene	93.3	U	ND		87.7	ug/L		94	(35%-124%)		
Hexachlorobenzene	93.3	U	ND		92.6	ug/L		99	(34%-123%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973326											
Hexachlorobutadiene	93.3	U	ND		77.1	ug/L		83	(22%-97%)	BM1	04/08/26 14:21
Hexachlorocyclopentadiene	93.3	U	ND		30.1	ug/L		32	(18%-65%)		
Hexachloroethane	93.3	U	ND		70.6	ug/L		76	(20%-91%)		
Indeno(1,2,3-cd)pyrene	93.3	U	ND		88.7	ug/L		95	(29%-127%)		
Isophorone	93.3	U	ND		70.0	ug/L		75	(27%-128%)		
N-Nitrosodipropylamine	93.3	U	ND		84.6	ug/L		91	(30%-128%)		
Naphthalene	93.3	U	ND		78.8	ug/L		84	(30%-109%)		
Nitrobenzene	93.3	U	ND		75.7	ug/L		81	(30%-117%)		
Pentachlorophenol	93.3	U	ND		106	ug/L		113	(30%-131%)		
Phenanthrene	93.3	U	ND		89.8	ug/L		96	(35%-122%)		
Phenol	93.3	U	ND		54.2	ug/L		58	(16%-74%)		
Pyrene	93.3	U	ND		93.7	ug/L		100	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	93.3	U	ND		76.0	ug/L		81	(19%-144%)		
bis(2-Chloroethoxy)methane	93.3	U	ND		103	ug/L		111	(31%-117%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973326											
bis(2-Chloroethyl) ether	93.3	U	ND		80.1	ug/L		86	(29%-113%)	BM1	04/08/26 14:21
bis(2-Ethylhexyl)phthalate	93.3	U	ND		93.6	ug/L		100	(29%-135%)		
m,p-Cresols	93.3	U	ND		88.1	ug/L		94	(21%-105%)		
m-Nitroaniline	93.3	U	ND		92.4	ug/L		99	(29%-127%)		
o-Cresol	93.3	U	ND		78.5	ug/L		84	(23%-104%)		
o-Nitroaniline	93.3	U	ND		100	ug/L		107	(32%-130%)		
p-Nitroaniline	93.3	U	ND		96.8	ug/L		104	(33%-134%)		
**2,4,6-Tribromophenol	187		60.0		184	ug/L		99	(28%-113%)		
**2-Fluorobiphenyl	93.3		26.8		77.0	ug/L		83	(32%-102%)		
**2-Fluorophenol	187		28.0		119	ug/L		64	(15%-72%)		
**Nitrobenzene-d5	93.3		25.7		71.6	ug/L		77	(31%-100%)		
**Phenol-d5	187		19.0		95.7	ug/L		51	(15%-85%)		
**p-Terphenyl-d14	93.3		21.6		84.0	ug/L		90	(20%-118%)		
QC1206428339 770893001 MSD											
1,2,4,5-Tetrachlorobenzene	93.3	U	ND		68.0	ug/L	4	73	(0%-30%)		04/08/26 14:45

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973326												
2,3,4,6-Tetrachlorophenol	93.3	U	ND		83.3	ug/L	11	89	(0%-30%)	BM1	04/08/26	14:45
2,4,5-Trichlorophenol	93.3	U	ND		86.0	ug/L	8	92	(0%-30%)			
2,4,6-Trichlorophenol	93.3	U	ND		81.1	ug/L	9	87	(0%-30%)			
2,4-Dichlorophenol	93.3	U	ND		80.6	ug/L	7	86	(0%-30%)			
2,4-Dimethylphenol	93.3	U	ND		46.3	ug/L	8	50	(0%-30%)			
2,4-Dinitrophenol	93.3	U	ND		86.4	ug/L	12	93	(0%-30%)			
2,4-Dinitrotoluene	93.3	U	ND		82.2	ug/L	12	88	(0%-30%)			
2,6-Dinitrotoluene	93.3	U	ND		84.4	ug/L	10	90	(0%-30%)			
2-Chloronaphthalene	93.3	U	ND		84.8	ug/L	12	91	(0%-30%)			
2-Chlorophenol	93.3	U	ND		76.2	ug/L	5	82	(0%-30%)			
2-Methyl-4,6-dinitrophenol	93.3	U	ND		83.6	ug/L	9	90	(0%-30%)			
2-Methylnaphthalene	93.3	U	ND		83.9	ug/L	7	90	(0%-30%)			
2-Nitrophenol	93.3	U	ND		79.1	ug/L	5	85	(0%-30%)			
3,3'-Dichlorobenzidine	93.3	U	ND		77.1	ug/L	10	83	(0%-30%)			

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2973326												
4-Bromophenylphenylether	93.3	U	ND		84.4	ug/L	11		90	(0%-30%)	BM1	04/08/26 14:45
4-Chloro-3-methylphenol	93.3	U	ND		81.7	ug/L	10		88	(0%-30%)		
4-Chloroaniline	93.3	U	ND		71.1	ug/L	10		76	(0%-30%)		
4-Chlorophenylphenylether	93.3	U	ND		83.2	ug/L	11		89	(0%-30%)		
4-Nitrophenol	93.3	U	ND		75.9	ug/L	14		81	(0%-30%)		
Acenaphthene	93.3	U	ND		79.2	ug/L	8		85	(0%-30%)		
Acenaphthylene	93.3	U	ND		71.4	ug/L	8		77	(0%-30%)		
Acetophenone	93.3	U	ND		74.9	ug/L	5		80	(0%-30%)		
Anthracene	93.3	U	ND		78.7	ug/L	10		84	(0%-30%)		
Atrazine	93.3	U	ND		64.3	ug/L	16		69	(0%-30%)		
Benzaldehyde	93.3	U	ND		46.3	ug/L	88	*	50	(0%-30%)		
Benzo(a)anthracene	93.3	U	ND		79.7	ug/L	11		85	(0%-30%)		
Benzo(a)pyrene	93.3	U	ND		77.8	ug/L	13		83	(0%-30%)		
Benzo(b)fluoranthene	93.3	U	ND		91.6	ug/L	8		98	(0%-30%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2973326											
Benzo(ghi)perylene	93.3	U	ND		78.9	ug/L	12	85	(0%-30%)	BM1	04/08/26 14:45
Benzo(k)fluoranthene	93.3	U	ND		80.8	ug/L	16	87	(0%-30%)		
Butylbenzylphthalate	93.3	U	ND		86.7	ug/L	13	93	(0%-30%)		
Carbazole	93.3	U	ND		84.9	ug/L	11	91	(0%-30%)		
Chrysene	93.3	U	ND		78.8	ug/L	14	85	(0%-30%)		
Di-n-butylphthalate	93.3	U	ND		84.3	ug/L	11	90	(0%-30%)		
Di-n-octylphthalate	93.3	U	ND		81.9	ug/L	14	88	(0%-30%)		
Dibenzo(a,h)anthracene	93.3	U	ND		80.1	ug/L	11	86	(0%-30%)		
Dibenzofuran	93.3	U	ND		79.6	ug/L	10	85	(0%-30%)		
Diethylphthalate	93.3	U	ND		80.8	ug/L	12	87	(0%-30%)		
Dimethylphthalate	93.3	U	ND		82.4	ug/L	11	88	(0%-30%)		
Diphenylamine	93.3	U	ND		81.4	ug/L	9	87	(0%-30%)		
Fluoranthene	93.3	U	ND		85.5	ug/L	10	92	(0%-30%)		
Fluorene	93.3	U	ND		79.7	ug/L	10	85	(0%-30%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973326												
Hexachlorobenzene	93.3	U	ND		84.4	ug/L	9	90	(0%-30%)	BM1	04/08/26	14:45
Hexachlorobutadiene	93.3	U	ND		70.5	ug/L	9	76	(0%-30%)			
Hexachlorocyclopentadiene	93.3	U	ND		26.8	ug/L	11	29	(0%-30%)			
Hexachloroethane	93.3	U	ND		65.1	ug/L	8	70	(0%-30%)			
Indeno(1,2,3-cd)pyrene	93.3	U	ND		80.3	ug/L	10	86	(0%-30%)			
Isophorone	93.3	U	ND		65.3	ug/L	7	70	(0%-30%)			
N-Nitrosodipropylamine	93.3	U	ND		80.6	ug/L	5	86	(0%-30%)			
Naphthalene	93.3	U	ND		74.3	ug/L	6	80	(0%-30%)			
Nitrobenzene	93.3	U	ND		72.1	ug/L	5	77	(0%-30%)			
Pentachlorophenol	93.3	U	ND		93.8	ug/L	12	101	(0%-30%)			
Phenanthrene	93.3	U	ND		80.1	ug/L	11	86	(0%-30%)			
Phenol	93.3	U	ND		52.2	ug/L	4	56	(0%-30%)			
Pyrene	93.3	U	ND		84.0	ug/L	11	90	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	93.3	U	ND		70.7	ug/L	7	76	(0%-30%)			

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2973326												
bis(2-Chloroethoxy)methane	93.3	U	ND		98.3	ug/L	5	105	(0%-30%)	BM1	04/08/26	14:45
bis(2-Chloroethyl) ether	93.3	U	ND		76.0	ug/L	5	81	(0%-30%)			
bis(2-Ethylhexyl)phthalate	93.3	U	ND		81.4	ug/L	14	87	(0%-30%)			
m,p-Cresols	93.3	U	ND		80.7	ug/L	9	87	(0%-30%)			
m-Nitroaniline	93.3	U	ND		81.3	ug/L	13	87	(0%-30%)			
o-Cresol	93.3	U	ND		74.4	ug/L	5	80	(0%-30%)			
o-Nitroaniline	93.3	U	ND		90.7	ug/L	10	97	(0%-30%)			
p-Nitroaniline	93.3	U	ND		87.7	ug/L	10	94	(0%-30%)			
**2,4,6-Tribromophenol	187		60.0		168	ug/L		90	(28%-113%)			
**2-Fluorobiphenyl	93.3		26.8		71.0	ug/L		76	(32%-102%)			
**2-Fluorophenol	187		28.0		114	ug/L		61	(15%-72%)			
**Nitrobenzene-d5	93.3		25.7		68.3	ug/L		73	(31%-100%)			
**Phenol-d5	187		19.0		92.1	ug/L		49	(15%-85%)			
**p-Terphenyl-d14	93.3		21.6		74.9	ug/L		80	(20%-118%)			

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
QC1206432450 LCS										
1,1'-Biphenyl	50.0			41.5	ug/L		83	(45%-114%)	BM1	04/13/26 15:52
1,2,4,5-Tetrachlorobenzene	50.0			39.4	ug/L		79	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			43.0	ug/L		86	(41%-119%)		
2,4,5-Trichlorophenol	50.0			44.3	ug/L		89	(42%-122%)		
2,4,6-Trichlorophenol	50.0			45.0	ug/L		90	(40%-119%)		
2,4-Dichlorophenol	50.0			41.7	ug/L		83	(36%-111%)		
2,4-Dimethylphenol	50.0			26.2	ug/L		52	(31%-68%)		
2,4-Dinitrophenol	50.0		J	41.6	ug/L		83	(30%-120%)		
2,4-Dinitrotoluene	50.0			45.1	ug/L		90	(48%-128%)		
2,6-Dinitrotoluene	50.0			42.5	ug/L		85	(47%-124%)		
2-Chloronaphthalene	50.0			42.5	ug/L		85	(41%-113%)		
2-Chlorophenol	50.0			36.5	ug/L		73	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0		J	46.3	ug/L		93	(32%-131%)		
2-Methylnaphthalene	50.0			46.0	ug/L		92	(42%-116%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
2-Nitrophenol	50.0			39.4	ug/L		79	(36%-115%)	BM1	04/13/26 15:52
3,3'-Dichlorobenzidine	50.0			40.4	ug/L		81	(43%-116%)		
4-Bromophenylphenylether	50.0			46.1	ug/L		92	(49%-125%)		
4-Chloro-3-methylphenol	50.0			41.7	ug/L		83	(35%-113%)		
4-Chloroaniline	50.0			41.6	ug/L		83	(39%-112%)		
4-Chlorophenylphenylether	50.0			46.5	ug/L		93	(48%-124%)		
4-Nitrophenol	50.0		J	19.1	ug/L		38	(25%-69%)		
Acenaphthene	50.0			43.0	ug/L		86	(44%-118%)		
Acenaphthylene	50.0			39.6	ug/L		79	(42%-110%)		
Acetophenone	50.0			41.3	ug/L		83	(44%-114%)		
Anthracene	50.0			46.0	ug/L		92	(49%-121%)		
Atrazine	50.0			48.6	ug/L		97	(49%-147%)		
Benzaldehyde	50.0			33.4	ug/L		67	(27%-111%)		
Benzo(a)anthracene	50.0			44.3	ug/L		89	(46%-121%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Benzo(a)pyrene	50.0			43.3	ug/L		87	(41%-120%)	BM1	04/13/26 15:52
Benzo(b)fluoranthene	50.0			47.3	ug/L		95	(45%-126%)		
Benzo(ghi)perylene	50.0			45.0	ug/L		90	(44%-129%)		
Benzo(k)fluoranthene	50.0			46.6	ug/L		93	(44%-126%)		
Butylbenzylphthalate	50.0			46.0	ug/L		92	(47%-135%)		
Carbazole	50.0			47.1	ug/L		94	(52%-127%)		
Chrysene	50.0			43.2	ug/L		86	(46%-121%)		
Di-n-butylphthalate	50.0			48.8	ug/L		98	(51%-132%)		
Di-n-octylphthalate	50.0			41.9	ug/L		84	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			42.9	ug/L		86	(42%-123%)		
Dibenzofuran	50.0			44.5	ug/L		89	(48%-118%)		
Diethylphthalate	50.0			46.0	ug/L		92	(51%-131%)		
Dimethylphthalate	50.0			45.2	ug/L		90	(48%-129%)		
Diphenylamine	50.0			46.2	ug/L		92	(49%-122%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Fluoranthene	50.0			48.4	ug/L		97	(50%-126%)	BM1	04/13/26 15:52
Fluorene	50.0			44.6	ug/L		89	(48%-122%)		
Hexachlorobenzene	50.0			46.9	ug/L		94	(46%-122%)		
Hexachlorobutadiene	50.0			36.6	ug/L		73	(32%-94%)		
Hexachlorocyclopentadiene	50.0			24.9	ug/L		50	(31%-64%)		
Hexachloroethane	50.0			33.1	ug/L		66	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			44.1	ug/L		88	(40%-125%)		
Isophorone	50.0			38.5	ug/L		77	(39%-126%)		
N-Nitrosodipropylamine	50.0			42.4	ug/L		85	(44%-122%)		
Naphthalene	50.0			39.3	ug/L		79	(41%-107%)		
Nitrobenzene	50.0			38.9	ug/L		78	(42%-112%)		
Pentachlorophenol	50.0			50.2	ug/L		100	(36%-124%)		
Phenanthrene	50.0			45.1	ug/L		90	(48%-120%)		
Phenol	50.0			17.8	ug/L		36	(12%-90%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Pyrene	50.0			49.0	ug/L		98	(51%-127%)	BM1	04/13/26 15:52
bis(2-Chloro-1-methylethyl)ether	50.0			39.6	ug/L		79	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			41.8	ug/L		84	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			38.9	ug/L		78	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			44.1	ug/L		88	(42%-132%)		
m,p-Cresols	50.0			31.2	ug/L		62	(29%-82%)		
m-Nitroaniline	50.0			41.9	ug/L		84	(44%-119%)		
o-Cresol	50.0			32.4	ug/L		65	(29%-86%)		
o-Nitroaniline	50.0			40.7	ug/L		81	(45%-128%)		
p-Nitroaniline	50.0			44.1	ug/L		88	(46%-130%)		
**2,4,6-Tribromophenol	100			85.7	ug/L		86	(28%-113%)		
**2-Fluorobiphenyl	50.0			38.1	ug/L		76	(32%-102%)		
**2-Fluorophenol	100			41.0	ug/L		41	(15%-72%)		
**Nitrobenzene-d5	50.0			34.4	ug/L		69	(31%-100%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
**Phenol-d5	100			28.2	ug/L		28	(15%-85%)	BM1	04/13/26 15:52
**p-Terphenyl-d14	50.0			42.9	ug/L		86	(20%-118%)		
QC1206434271 LCSD										
1,1'-Biphenyl	50.0			40.1	ug/L	3	80	(0%-30%)		04/13/26 16:12
1,2,4,5-Tetrachlorobenzene	50.0			37.4	ug/L	5	75	(0%-30%)		
2,3,4,6-Tetrachlorophenol	50.0			43.5	ug/L	1	87	(0%-30%)		
2,4,5-Trichlorophenol	50.0			43.2	ug/L	2	86	(0%-27%)		
2,4,6-Trichlorophenol	50.0			43.1	ug/L	4	86	(0%-28%)		
2,4-Dichlorophenol	50.0			39.6	ug/L	5	79	(0%-30%)		
2,4-Dimethylphenol	50.0			23.9	ug/L	9	48	(0%-30%)		
2,4-Dinitrophenol	50.0		J	42.0	ug/L	1	84	(0%-30%)		
2,4-Dinitrotoluene	50.0			45.8	ug/L	2	92	(0%-32%)		
2,6-Dinitrotoluene	50.0			43.4	ug/L	2	87	(0%-30%)		
2-Chloronaphthalene	50.0			40.6	ug/L	5	81	(0%-30%)		
2-Chlorophenol	50.0			34.2	ug/L	6	68	(0%-30%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
2-Methyl-4,6-dinitrophenol	50.0		J	45.5	ug/L	2	91	(0%-30%)	BM1	04/13/26 16:12
2-Methylnaphthalene	50.0			45.1	ug/L	2	90	(0%-30%)		
2-Nitrophenol	50.0			38.9	ug/L	1	78	(0%-30%)		
3,3'-Dichlorobenzidine	50.0			39.8	ug/L	2	80	(0%-30%)		
4-Bromophenylphenylether	50.0			44.6	ug/L	3	89	(0%-30%)		
4-Chloro-3-methylphenol	50.0			40.2	ug/L	4	80	(0%-30%)		
4-Chloroaniline	50.0			41.7	ug/L	0	83	(0%-30%)		
4-Chlorophenylphenylether	50.0			46.1	ug/L	1	92	(0%-30%)		
4-Nitrophenol	50.0		J	19.0	ug/L	1	38	(0%-30%)		
Acenaphthene	50.0			41.8	ug/L	3	84	(0%-30%)		
Acenaphthylene	50.0			38.8	ug/L	2	78	(0%-30%)		
Acetophenone	50.0			41.3	ug/L	0	83	(0%-30%)		
Anthracene	50.0			44.9	ug/L	2	90	(0%-30%)		
Atrazine	50.0			47.9	ug/L	1	96	(0%-30%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Benzaldehyde	50.0			34.0	ug/L	2	68	(0%-30%)	BM1	04/13/26 16:12
Benzo(a)anthracene	50.0			43.0	ug/L	3	86	(0%-30%)		
Benzo(a)pyrene	50.0			41.4	ug/L	5	83	(0%-30%)		
Benzo(b)fluoranthene	50.0			44.0	ug/L	7	88	(0%-30%)		
Benzo(ghi)perylene	50.0			45.8	ug/L	2	92	(0%-30%)		
Benzo(k)fluoranthene	50.0			43.8	ug/L	6	88	(0%-30%)		
Butylbenzylphthalate	50.0			43.4	ug/L	6	87	(0%-30%)		
Carbazole	50.0			46.2	ug/L	2	92	(0%-30%)		
Chrysene	50.0			41.8	ug/L	3	84	(0%-30%)		
Di-n-butylphthalate	50.0			47.1	ug/L	3	94	(0%-30%)		
Di-n-octylphthalate	50.0			40.4	ug/L	4	81	(0%-30%)		
Dibenzo(a,h)anthracene	50.0			45.4	ug/L	6	91	(0%-30%)		
Dibenzofuran	50.0			43.5	ug/L	2	87	(0%-30%)		
Diethylphthalate	50.0			45.9	ug/L	0	92	(0%-30%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Dimethylphthalate	50.0			44.9	ug/L	1	90	(0%-30%)	BM1	04/13/26 16:12
Diphenylamine	50.0			44.0	ug/L	5	88	(0%-30%)		
Fluoranthene	50.0			48.1	ug/L	1	96	(0%-30%)		
Fluorene	50.0			44.3	ug/L	1	89	(0%-30%)		
Hexachlorobenzene	50.0			45.4	ug/L	3	91	(0%-25%)		
Hexachlorobutadiene	50.0			34.1	ug/L	7	68	(0%-28%)		
Hexachlorocyclopentadiene	50.0			22.1	ug/L	12	44	(0%-30%)		
Hexachloroethane	50.0			32.4	ug/L	2	65	(0%-29%)		
Indeno(1,2,3-cd)pyrene	50.0			44.0	ug/L	0	88	(0%-30%)		
Isophorone	50.0			38.4	ug/L	0	77	(0%-30%)		
N-Nitrosodipropylamine	50.0			43.0	ug/L	1	86	(0%-30%)		
Naphthalene	50.0			38.4	ug/L	2	77	(0%-30%)		
Nitrobenzene	50.0			37.9	ug/L	3	76	(0%-28%)		
Pentachlorophenol	50.0			49.1	ug/L	2	98	(0%-33%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Phenanthrene	50.0			44.2	ug/L	2	88	(0%-30%)	BM1	04/13/26 16:12
Phenol	50.0			17.7	ug/L	0	35	(0%-30%)		
Pyrene	50.0			48.8	ug/L	0	98	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	50.0			39.9	ug/L	1	80	(0%-30%)		
bis(2-Chloroethoxy)methane	50.0			41.1	ug/L	2	82	(0%-30%)		
bis(2-Chloroethyl) ether	50.0			38.6	ug/L	1	77	(0%-30%)		
bis(2-Ethylhexyl)phthalate	50.0			41.3	ug/L	7	83	(0%-30%)		
m,p-Cresols	50.0			35.0	ug/L	11	70	(0%-34%)		
m-Nitroaniline	50.0			42.4	ug/L	1	85	(0%-30%)		
o-Cresol	50.0			30.2	ug/L	7	60	(0%-36%)		
o-Nitroaniline	50.0			41.7	ug/L	2	83	(0%-30%)		
p-Nitroaniline	50.0			45.3	ug/L	3	91	(0%-30%)		
**2,4,6-Tribromophenol	100			88.4	ug/L		88	(28%-113%)		
**2-Fluorobiphenyl	50.0			37.4	ug/L		75	(32%-102%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
**2-Fluorophenol	100			38.5	ug/L		39	(15%-72%)	BM1	04/13/26 16:12
**Nitrobenzene-d5	50.0			34.2	ug/L		68	(31%-100%)		
**Phenol-d5	100			28.6	ug/L		29	(15%-85%)		
**p-Terphenyl-d14	50.0			42.2	ug/L		84	(20%-118%)		
QC1206432449 MB										
1,1'-Biphenyl			U	ND	ug/L					04/13/26 15:31
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
2-Chloronaphthalene			U	ND	ug/L				BM1	04/13/26 15:31
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Anthracene			U	ND	ug/L				BM1	04/13/26 15:31
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Dibenzofuran			U	ND	ug/L				BM1	04/13/26 15:31
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Nitrobenzene			U	ND	ug/L				BM1	04/13/26 15:31
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
**2,4,6-Tribromophenol	100			92.8	ug/L		93	(28%-113%)	BM1	04/13/26 15:31
**2-Fluorobiphenyl	50.0			43.2	ug/L		86	(32%-102%)		
**2-Fluorophenol	100			43.6	ug/L		44	(15%-72%)		
**Nitrobenzene-d5	50.0			37.3	ug/L		75	(31%-100%)		
**Phenol-d5	100			30.3	ug/L		30	(15%-85%)		
**p-Terphenyl-d14	50.0			45.3	ug/L		91	(20%-118%)		
Spectrometric Analysis										
Batch 2973290										
QC1206428272 771101003 DUP										
Hexavalent Chromium		U	ND	U ND	mg/L	N/A			BR2	04/07/26 11:43
QC1206428271 LCS										
Hexavalent Chromium	0.0472			0.0498	mg/L		106	(85%-115%)		04/07/26 11:43
QC1206428270 MB										
Hexavalent Chromium			U	ND	mg/L					04/07/26 11:43
QC1206428273 771101003 MS										
Hexavalent Chromium	0.0472	U	ND	0.0186	mg/L		37.8*	(85%-115%)		04/07/26 11:43
Volatile-GC/MS										
Batch 2977529										
QC1206435764 LCS										
1,1,1-Trichloroethane	50.0			42.7	ug/L		85	(70%-130%)	JA2	04/14/26 08:59

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
1,1,2,2-Tetrachloroethane	50.0			38.4	ug/L		77	(70%-130%)	JA2	04/14/26 08:59
1,1,2-Trichloroethane	50.0			41.0	ug/L		82	(70%-130%)		
1,1-Dichloroethane	50.0			44.2	ug/L		88	(70%-130%)		
1,1-Dichloroethylene	50.0			50.1	ug/L		100	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			46.7	ug/L		93	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			46.7	ug/L		93	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			39.2	ug/L		78	(70%-130%)		
1,2-Dibromoethane	50.0			45.2	ug/L		90	(70%-130%)		
1,2-Dichlorobenzene	50.0			41.7	ug/L		83	(70%-130%)		
1,2-Dichloroethane	50.0			45.7	ug/L		91	(70%-130%)		
1,2-Dichloropropane	50.0			43.6	ug/L		87	(70%-130%)		
1,3-Dichlorobenzene	50.0			41.0	ug/L		82	(70%-130%)		
1,4-Dichlorobenzene	50.0			39.5	ug/L		79	(70%-130%)		
2-Butanone	250			218	ug/L		87	(70%-130%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
2-Hexanone	250			230	ug/L		92	(70%-130%)	JA2	04/14/26 08:59
4-Methyl-2-pentanone	250			229	ug/L		91	(70%-130%)		
Acetone	250			191	ug/L		77	(70%-130%)		
Benzene	50.0			40.9	ug/L		82	(70%-130%)		
Bromochloromethane	50.0			44.7	ug/L		89	(70%-130%)		
Bromodichloromethane	50.0			46.5	ug/L		93	(70%-130%)		
Bromoform	50.0			41.3	ug/L		83	(70%-130%)		
Bromomethane	50.0			55.7	ug/L		111	(70%-130%)		
Carbon disulfide	250			215	ug/L		86	(70%-130%)		
Carbon tetrachloride	50.0			43.8	ug/L		88	(70%-130%)		
Chlorobenzene	50.0			38.9	ug/L		78	(70%-130%)		
Chloroethane	50.0			49.2	ug/L		98	(70%-130%)		
Chloroform	50.0			43.5	ug/L		87	(70%-130%)		
Chloromethane	50.0			49.8	ug/L		100	(70%-130%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Cyclohexane	50.0			47.5	ug/L		95	(70%-130%)	JA2	04/14/26 08:59
Dibromochloromethane	50.0			46.7	ug/L		93	(70%-130%)		
Dichlorodifluoromethane	50.0			49.7	ug/L		99	(70%-130%)		
Ethylbenzene	50.0			40.4	ug/L		81	(70%-130%)		
Isopropylbenzene	50.0			45.8	ug/L		92	(70%-130%)		
Methyl acetate	250			217	ug/L		87	(70%-130%)		
Methylcyclohexane	50.0			44.8	ug/L		90	(70%-130%)		
Methylene chloride	50.0		B	41.6	ug/L		83	(70%-130%)		
Styrene	50.0			38.7	ug/L		77	(70%-130%)		
Tetrachloroethylene	50.0			40.4	ug/L		81	(70%-130%)		
Toluene	50.0			39.1	ug/L		78	(70%-130%)		
Trichloroethylene	50.0			44.9	ug/L		90	(70%-130%)		
Trichlorofluoromethane	50.0			46.2	ug/L		92	(70%-130%)		
Vinyl chloride	50.0			52.2	ug/L		104	(70%-130%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
cis-1,2-Dichloroethylene	50.0			47.4	ug/L		95	(70%-130%)	JA2	04/14/26 08:59
cis-1,3-Dichloropropylene	50.0			40.4	ug/L		81	(70%-130%)		
m,p-Xylenes	100			86.3	ug/L		86	(70%-130%)		
o-Xylene	50.0			45.2	ug/L		90	(70%-130%)		
tert-Butyl methyl ether	50.0			43.3	ug/L		87	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			47.2	ug/L		94	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			38.9	ug/L		78	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			53.5	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0			51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0			48.2	ug/L		96	(77%-121%)		
QC1206435765 LCS										
1,4-Dioxane	2500			2370	ug/L		95	(70%-130%)		04/14/26 09:50
Trichlorotrifluoroethane	250			238	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			55.7	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0			53.3	ug/L		107	(77%-123%)		

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
**Toluene-d8	50.0			49.2	ug/L		98	(77%-121%)	JA2	04/14/26 09:50
QC1206435766 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/14/26 11:07
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2977529											
1,4-Dichlorobenzene			U	ND	ug/L				JA2	04/14/26	11:07
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						
Bromodichloromethane			U	ND	ug/L						
Bromoform			U	ND	ug/L						
Bromomethane			U	ND	ug/L						
Carbon disulfide			U	ND	ug/L						
Carbon tetrachloride			U	ND	ug/L						
Chlorobenzene			U	ND	ug/L						

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Chloroethane			U	ND	ug/L				JA2	04/14/26 11:07
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			J	1.46	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					

QC Summary

Workorder: **771102**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Trichloroethylene			U	ND	ug/L				JA2	04/14/26 11:07
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			51.6	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0			49.0	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			48.1	ug/L		96	(77%-121%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
QC1206435767 771102002 MS											
1,1,1-Trichloroethane	50.0	U	ND		45.1	ug/L		90	(60%-123%)	JA2	04/14/26 18:21
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.8	ug/L		82	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		43.9	ug/L		88	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		46.5	ug/L		93	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		49.4	ug/L		99	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.3	ug/L		83	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		48.4	ug/L		97	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		43.5	ug/L		87	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		46.2	ug/L		92	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		42.6	ug/L		85	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		41.2	ug/L		82	(54%-123%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
2-Butanone	250	U	ND		233	ug/L		93	(59%-136%)	JA2	04/14/26 18:21
2-Hexanone	250	U	ND		251	ug/L		101	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		240	ug/L		96	(63%-135%)		
Acetone	250	J	2.81		202	ug/L		80	(50%-140%)		
Benzene	50.0	U	ND		43.7	ug/L		87	(64%-119%)		
Bromochloromethane	50.0	U	ND		48.0	ug/L		96	(63%-130%)		
Bromodichloromethane	50.0	U	ND		48.1	ug/L		96	(65%-125%)		
Bromoform	50.0	U	ND		42.1	ug/L		84	(49%-129%)		
Bromomethane	50.0	U	ND		56.5	ug/L		113	(55%-154%)		
Carbon disulfide	250	U	ND		225	ug/L		90	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		45.7	ug/L		91	(60%-127%)		
Chlorobenzene	50.0	U	ND		41.9	ug/L		84	(61%-120%)		
Chloroethane	50.0	U	ND		46.3	ug/L		93	(60%-138%)		
Chloroform	50.0	U	ND		45.7	ug/L		91	(64%-122%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Chloromethane	50.0	U	ND		45.7	ug/L		91	(43%-161%)	JA2	04/14/26 18:21
Cyclohexane	50.0	U	ND		47.1	ug/L		94	(51%-125%)		
Dibromochloromethane	50.0	U	ND		50.1	ug/L		100	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		46.6	ug/L		93	(37%-162%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L		85	(57%-122%)		
Isopropylbenzene	50.0	U	ND		46.5	ug/L		93	(53%-128%)		
Methyl acetate	250	U	ND		222	ug/L		89	(58%-145%)		
Methylcyclohexane	50.0	U	ND		45.0	ug/L		90	(58%-122%)		
Methylene chloride	50.0	BJ	1.04	B	43.6	ug/L		85	(61%-135%)		
Styrene	50.0	U	ND		41.7	ug/L		83	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		41.8	ug/L		84	(53%-124%)		
Toluene	50.0	U	ND		41.4	ug/L		83	(60%-120%)		
Trichloroethylene	50.0	U	ND		45.6	ug/L		91	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		42.8	ug/L		86	(51%-134%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Vinyl chloride	50.0	U	ND		45.4	ug/L		91	(42%-155%)	JA2	04/14/26 18:21
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L		100	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		41.2	ug/L		82	(61%-123%)		
m,p-Xylenes	100	U	ND		91.3	ug/L		91	(58%-122%)		
o-Xylene	50.0	U	ND		48.2	ug/L		96	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		43.4	ug/L		87	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		48.3	ug/L		97	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		40.2	ug/L		80	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		51.3		52.6	ug/L		105	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		48.5	ug/L		97	(77%-123%)		
**Toluene-d8	50.0		48.2		47.4	ug/L		95	(77%-121%)		
QC1206435769 771102002 MS											
1,4-Dioxane	2500	U	ND		2490	ug/L		100	(50%-136%)		04/14/26 19:12
Trichlorotrifluoroethane	250	U	ND		249	ug/L		99	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		51.3		55.8	ug/L		112	(71%-131%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
**Bromofluorobenzene	50.0		48.4		53.3	ug/L		107	(77%-123%)	JA2	04/14/26 19:12
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)		
QC1206435768 771102002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.9	ug/L	0	90	(0%-20%)		04/14/26 18:47
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.5	ug/L	1	81	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		43.8	ug/L	0	88	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		46.6	ug/L	0	93	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		52.9	ug/L	7	106	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.5	ug/L	0	83	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		47.6	ug/L	1	95	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		42.8	ug/L	1	86	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		48.7	ug/L	0	97	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		46.9	ug/L	2	94	(0%-20%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
1,3-Dichlorobenzene	50.0	U	ND		42.0	ug/L	1	84	(0%-20%)	JA2	04/14/26 18:47
1,4-Dichlorobenzene	50.0	U	ND		40.5	ug/L	2	81	(0%-20%)		
2-Butanone	250	U	ND		237	ug/L	2	95	(0%-20%)		
2-Hexanone	250	U	ND		254	ug/L	1	101	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		244	ug/L	2	98	(0%-20%)		
Acetone	250	J	2.81		205	ug/L	1	81	(0%-20%)		
Benzene	50.0	U	ND		43.2	ug/L	1	86	(0%-20%)		
Bromochloromethane	50.0	U	ND		47.0	ug/L	2	94	(0%-20%)		
Bromodichloromethane	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		
Bromoform	50.0	U	ND		42.4	ug/L	1	85	(0%-20%)		
Bromomethane	50.0	U	ND		58.6	ug/L	4	117	(0%-20%)		
Carbon disulfide	250	U	ND		230	ug/L	2	92	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		46.4	ug/L	2	93	(0%-20%)		
Chlorobenzene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Chloroethane	50.0	U	ND		48.7	ug/L	5	97	(0%-20%)	JA2	04/14/26 18:47
Chloroform	50.0	U	ND		45.5	ug/L	0	91	(0%-20%)		
Chloromethane	50.0	U	ND		50.6	ug/L	10	101	(0%-20%)		
Cyclohexane	50.0	U	ND		50.1	ug/L	6	100	(0%-20%)		
Dibromochloromethane	50.0	U	ND		49.4	ug/L	1	99	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		49.2	ug/L	5	98	(0%-20%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L	0	85	(0%-20%)		
Isopropylbenzene	50.0	U	ND		47.8	ug/L	3	96	(0%-20%)		
Methyl acetate	250	U	ND		226	ug/L	2	90	(0%-20%)		
Methylcyclohexane	50.0	U	ND		46.6	ug/L	3	93	(0%-20%)		
Methylene chloride	50.0	BJ	1.04	B	43.3	ug/L	1	85	(0%-20%)		
Styrene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		41.9	ug/L	0	84	(0%-20%)		
Toluene	50.0	U	ND		41.9	ug/L	1	84	(0%-20%)		

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Trichloroethylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)	JA2	04/14/26 18:47
Trichlorofluoromethane	50.0	U	ND		45.2	ug/L	5	90	(0%-20%)		
Vinyl chloride	50.0	U	ND		51.5	ug/L	13	103	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L	0	100	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		42.7	ug/L	4	85	(0%-20%)		
m,p-Xylenes	100	U	ND		90.0	ug/L	1	90	(0%-20%)		
o-Xylene	50.0	U	ND		47.3	ug/L	2	95	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		44.8	ug/L	3	90	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		49.6	ug/L	3	99	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		40.8	ug/L	2	82	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		51.3		53.0	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		50.7	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)		
QC1206435770 771102002 MSD											
1,4-Dioxane	2500	U	ND		2480	ug/L	1	99	(0%-20%)		04/14/26 19:38

QC Summary

Workorder: **771102**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2977529												
Trichlorotrifluoroethane	250	U	ND		226	ug/L	10	90	(0%-20%)	JA2	04/14/26	19:38
**1,2-Dichloroethane-d4	50.0		51.3		54.2	ug/L		108	(71%-131%)			
**Bromofluorobenzene	50.0		48.4		52.1	ug/L		104	(77%-123%)			
**Toluene-d8	50.0		48.2		48.9	ug/L		98	(77%-121%)			

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
B	B	The target analyte was detected in the associated blank.
E	E	Concentration of the target analyte exceeds the instrument calibration range

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number: _____
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon
GEL Project Manager: Julie Robinson

GEL | Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 771102

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: ~~Groundwater and Surface Water Sampling~~ Liberty Steel NCC
Address: ~~2040 Savage Road, Charleston, SC 29407~~ Front St. Georgetown, SC
Collected By: Heath Lowry
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

< (6) Preservative Type

Sample ID Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	Should this sample be considered: (7) Radioactive (Y or N)	Should this sample be considered: (8) Known or possible Hazards	Total number of containers	TCL PCBs	Cyanide	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved)	Hexavalent Chromium (Dissolved)	Trip Blank	TCL Pesticides	Comments Note: extra sample is required for sample specific QC
LS-TB-040626	04-06-26	1300	N	TB	DI			3			3								
LS-TW-09	4/6/26	1315	*N	G	GW			9			3	2	1	1	1	1			*Total TAL Metals (Dissolved) and Hg & Hexavalent chromium (Dissolved) are both field filtered
LS-TW-06	↓	1420	1	1	1			9			3	2	1	1	1	1			

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1 Heath Lowry	4/6/26	1430	1	4-6-26	1430
2	4-6-26	1635	2	4/07/26	1035
3			3		

Select Deliverable: [ ] Results and QC Summary [ ] Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246869

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No *Cooler Temp: 2 °C*
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive *** If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.***

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)
TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 771102	GEL PM:
Received By: Thyasia Tatum	Date Received at GEL: 4/6/26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR2-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
	2				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		/	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		/	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		/	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): ( ) CPM mR/Hr. Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		/	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		/	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	/			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	/			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	/			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	/			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	/			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	/			If Yes, are Encores or Soil Kits present? Yes___ No / (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes / No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes / No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	/			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	/			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	/			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	/			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	/			
12	COC form is properly signed in relinquished/received sections?	/			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CR Date 4/7/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771102

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2977529

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771102001	LS-TB-040626
771102002	LS-TW-09
771102004	LS-TW-06
1206435764	Laboratory Control Sample (LCS) **Batch 2977529**
1206435765	Laboratory Control Sample (LCS)
1206435766	Method Blank (MB)
1206435767	771102002(LS-TW-09) Matrix Spike (MS)
1206435768	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)
1206435769	771102002(LS-TW-09) Matrix Spike (MS)
1206435770	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206435766 (MB)	Methylene chloride	1.46 ug/L between (0.5 - 5)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2973326

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2973325

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771102002	LS-TW-09
1206428336	Method Blank (MB) **Batch 2973326**
1206428337	Laboratory Control Sample (LCS)
1206428338	770893001(NonSDG) Matrix Spike (MS)
1206428339	770893001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206428337 (LCS)	Hexachlorocyclopentadiene	24* (31%-64%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206428338MS and 1206428339MSD (Non SDG 770893001)	Benzaldehyde	88* (0%-30%)

Technical Information

Sample Re-extraction/Re-analysis
Sample 771102004 (LS-TW-06) was re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2975606

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2975605

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771102004	LS-TW-06
1206432449	Method Blank (MB) **Batch 2975606**
1206432450	Laboratory Control Sample (LCS)
1206434271	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Technical Information

Sample Re-extraction/Re-analysis
Sample 771102004 (LS-TW-06) was re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2973303

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2973302

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771102002	LS-TW-09
771102003	LS-TW-09 Field Filtered
771102004	LS-TW-06
771102005	LS-TW-06
1206428285	Method Blank (MB)**ICP Batch 2973303**
1206428286	Laboratory Control Sample (LCS)
1206428290	771102002(LS-TW-09L) Serial Dilution (SD)
1206428287	771102002(LS-TW-09S) Matrix Spike (MS)
1206428288	771102002(LS-TW-09SD) Matrix Spike Duplicate (MSD)
1206428289	771102002(LS-TW-09PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike recovery was within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recovery may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206428288 (LS-TW-09MSD)	Aluminum	128* (75%-125%)

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42

Analytical Batch: 2973199

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2973198

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771102002	LS-TW-09
771102003	LS-TW-09 Field Filtered
771102004	LS-TW-06
771102005	LS-TW-06
1206428169	Method Blank (MB)**CVAA Batch 2973199**
1206428170	Laboratory Control Sample (LCS)
1206428171	770785001(NonSDGD) Sample Duplicate (DUP)
1206428172	770785001(NonSDGS) Matrix Spike (MS)
1206428173	770785001(NonSDGPS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike recovery was within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recovery may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206428172 (Non SDG 770785001MS)	Mercury	0* (75%-125%)

Technical Information

Preparation Information
The samples and associated matrix QC 1206428171 (Non SDG 770785001DUP), 1206428172 (Non SDG 770785001MS) and 1206428173 (Non SDG 770785001PS) were prepared at a dilution for CVAA analysis because larger volumes of the matrix consume excessive amounts of potassium permanganate.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2973290

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771102002	LS-TW-09
771102003	LS-TW-09 Field Filtered
771102004	LS-TW-06
771102005	LS-TW-06
1206428270	Method Blank (MB) **Batch 2973290**
1206428271	Laboratory Control Sample (LCS)
1206428272	771101003(NonSDG) Sample Duplicate (DUP)
1206428273	771101003(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206428273 (Non SDG 771101003MS)	37.8* (85%-115%)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771268

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 07, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771268 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771268 GEL Work Order: 771268

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
E Concentration of the target analyte exceeds the instrument calibration range
J Value is estimated
N/A RPD or %Recovery limits do not apply.
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-07
Sample ID: 771268001
Matrix: Ground Water
Collect Date: 07-APR-26 08:30
Receive Date: 07-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury		0.202	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1246	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		12000	68.0	200	ug/L	1.00	1	EM2	04/13/26	1741	2974011	2
Antimony	J	5.42	3.50	20.0	ug/L	1.00	1					
Arsenic	J	12.3	5.00	30.0	ug/L	1.00	1					
Barium		174	1.00	5.00	ug/L	1.00	1					
Beryllium	J	1.05	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		52000	50.0	200	ug/L	1.00	1					
Chromium		24.3	1.00	10.0	ug/L	1.00	1					
Cobalt		5.20	1.00	5.00	ug/L	1.00	1					
Copper		54.5	3.00	20.0	ug/L	1.00	1					
Iron		18000	30.0	100	ug/L	1.00	1					
Lead		150	3.30	20.0	ug/L	1.00	1					
Magnesium		4300	110	300	ug/L	1.00	1					
Manganese		380	2.00	10.0	ug/L	1.00	1					
Nickel		8.30	1.50	5.00	ug/L	1.00	1					
Potassium		20100	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		122000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		33.5	1.00	5.00	ug/L	1.00	1					
Zinc		359	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.21	10.7	ug/L	0.00107	1	LL2	04/10/26	1744	2974972	3
1,2,4,5-Tetrachlorobenzene	U	ND	3.21	10.7	ug/L	0.00107	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4,5-Trichlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4,6-Trichlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4-Dichlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4-Dimethylphenol	J	8.32	3.21	10.7	ug/L	0.00107	1					
2,4-Dinitrophenol	U	ND	5.35	21.4	ug/L	0.00107	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-07	Project:	RVDE00226C
Sample ID:	771268001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.21	10.7	ug/L	0.00107	1					
2,6-Dinitrotoluene	U	ND	3.21	10.7	ug/L	0.00107	1					
2-Chloronaphthalene	U	ND	0.439	1.07	ug/L	0.00107	1					
2-Chlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2-Methylnaphthalene	U	ND	0.321	1.07	ug/L	0.00107	1					
2-Nitrophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
3,3'-Dichlorobenzidine	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Bromophenylphenylether	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Chloro-3-methylphenol	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Chloroaniline	U	ND	3.53	10.7	ug/L	0.00107	1					
4-Chlorophenylphenylether	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Nitrophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
Acenaphthene	U	ND	0.321	1.07	ug/L	0.00107	1					
Acenaphthylene	U	ND	0.321	1.07	ug/L	0.00107	1					
Acetophenone	U	ND	3.21	10.7	ug/L	0.00107	1					
Anthracene	U	ND	0.321	1.07	ug/L	0.00107	1					
Atrazine	U	ND	3.21	10.7	ug/L	0.00107	1					
Benzaldehyde	U	ND	3.21	10.7	ug/L	0.00107	1					
Benzo(a)anthracene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(a)pyrene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(b)fluoranthene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(ghi)perylene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(k)fluoranthene	U	ND	0.321	1.07	ug/L	0.00107	1					
Butylbenzylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Carbazole	U	ND	0.321	1.07	ug/L	0.00107	1					
Chrysene	U	ND	0.321	1.07	ug/L	0.00107	1					
Di-n-butylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Di-n-octylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Dibenzo(a,h)anthracene	U	ND	0.321	1.07	ug/L	0.00107	1					
Dibenzofuran	U	ND	3.21	10.7	ug/L	0.00107	1					
Diethylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Dimethylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Diphenylamine	U	ND	3.21	10.7	ug/L	0.00107	1					
Fluoranthene	U	ND	0.321	1.07	ug/L	0.00107	1					
Fluorene	U	ND	0.321	1.07	ug/L	0.00107	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-07 Project: RVDE00226C
Sample ID: 771268001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.21	10.7	ug/L	0.00107	1					
Hexachlorobutadiene	U	ND	3.21	10.7	ug/L	0.00107	1					
Hexachlorocyclopentadiene	U	ND	3.21	10.7	ug/L	0.00107	1					
Hexachloroethane	U	ND	3.21	10.7	ug/L	0.00107	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.321	1.07	ug/L	0.00107	1					
Isophorone	U	ND	3.75	10.7	ug/L	0.00107	1					
N-Nitrosodipropylamine	U	ND	3.21	10.7	ug/L	0.00107	1					
Naphthalene	U	ND	0.321	1.07	ug/L	0.00107	1					
Nitrobenzene	U	ND	3.21	10.7	ug/L	0.00107	1					
Pentachlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
Phenanthrene	U	ND	0.321	1.07	ug/L	0.00107	1					
Phenol	U	ND	3.21	10.7	ug/L	0.00107	1					
Pyrene	U	ND	0.321	1.07	ug/L	0.00107	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.21	10.7	ug/L	0.00107	1					
bis(2-Chloroethoxy)methane	U	ND	3.21	10.7	ug/L	0.00107	1					
bis(2-Chloroethyl) ether	U	ND	3.21	10.7	ug/L	0.00107	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
m,p-Cresols	U	ND	3.96	10.7	ug/L	0.00107	1					
m-Nitroaniline	U	ND	3.21	10.7	ug/L	0.00107	1					
o-Cresol	U	ND	3.21	10.7	ug/L	0.00107	1					
o-Nitroaniline	U	ND	3.21	10.7	ug/L	0.00107	1					
p-Nitroaniline	U	ND	3.21	10.7	ug/L	0.00107	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1910	2974009	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1430	2977529	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-07 Project: RVDE00226C
Sample ID: 771268001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		7.36	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.03	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-07	Project:	RVDE00226C
Sample ID:	771268001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/14/26	1124	2977016
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	46.8 ug/L	107	44	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	11.0 ug/L	107	10*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	17.1 ug/L	107	16	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	17.3 ug/L	53.5	32	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	22.5 ug/L	53.5	42	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	16.6 ug/L	53.5	31	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	47.6 ug/L	50.0	95	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	50.9 ug/L	50.0	102	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.8 ug/L	50.0	98	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-07	Project:	RVDE00226C
Sample ID:	771268001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-07 Field Filtered	Project:	RVDE00226C
Sample ID:	771268002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 08:30		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1247	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/13/26	1800	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	9.78	5.00	30.0	ug/L	1.00	1					
Barium		112	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		53900	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		2210	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		3560	110	300	ug/L	1.00	1					
Manganese		231	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		19900	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		134000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	3.33	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.27	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1912	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-07 Field Filtered	Project:	RVDE00226C
Sample ID:	771268002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-12
Sample ID: 771268003
Matrix: Ground Water
Collect Date: 07-APR-26 09:19
Receive Date: 07-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1249	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1420	68.0	200	ug/L	1.00	1	EM2	04/13/26	1802	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		208	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		127000	50.0	200	ug/L	1.00	1					
Chromium	J	2.79	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		41600	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		17600	110	300	ug/L	1.00	1					
Manganese		434	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		22500	50.0	250	ug/L	1.00	1					
Selenium	J	16.7	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		51300	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	3.27	1.00	5.00	ug/L	1.00	1					
Zinc	J	9.55	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.22	10.7	ug/L	0.00107	1	LL2	04/10/26	1806	2974972	3
1,2,4,5-Tetrachlorobenzene	U	ND	3.22	10.7	ug/L	0.00107	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
2,4,5-Trichlorophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
2,4,6-Trichlorophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
2,4-Dichlorophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
2,4-Dimethylphenol	U	ND	3.22	10.7	ug/L	0.00107	1					
2,4-Dinitrophenol	U	ND	5.36	21.5	ug/L	0.00107	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-12 Project: RVDE00226C
Sample ID: 771268003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.22	10.7	ug/L	0.00107	1					
2,6-Dinitrotoluene	U	ND	3.22	10.7	ug/L	0.00107	1					
2-Chloronaphthalene	U	ND	0.440	1.07	ug/L	0.00107	1					
2-Chlorophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
2-Methylnaphthalene	U	ND	0.322	1.07	ug/L	0.00107	1					
2-Nitrophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
3,3'-Dichlorobenzidine	U	ND	3.22	10.7	ug/L	0.00107	1					
4-Bromophenylphenylether	U	ND	3.22	10.7	ug/L	0.00107	1					
4-Chloro-3-methylphenol	U	ND	3.22	10.7	ug/L	0.00107	1					
4-Chloroaniline	U	ND	3.54	10.7	ug/L	0.00107	1					
4-Chlorophenylphenylether	U	ND	3.22	10.7	ug/L	0.00107	1					
4-Nitrophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
Acenaphthene		5.63	0.322	1.07	ug/L	0.00107	1					
Acenaphthylene	U	ND	0.322	1.07	ug/L	0.00107	1					
Acetophenone	U	ND	3.22	10.7	ug/L	0.00107	1					
Anthracene	U	ND	0.322	1.07	ug/L	0.00107	1					
Atrazine	U	ND	3.22	10.7	ug/L	0.00107	1					
Benzaldehyde	U	ND	3.22	10.7	ug/L	0.00107	1					
Benzo(a)anthracene	U	ND	0.322	1.07	ug/L	0.00107	1					
Benzo(a)pyrene	U	ND	0.322	1.07	ug/L	0.00107	1					
Benzo(b)fluoranthene	U	ND	0.322	1.07	ug/L	0.00107	1					
Benzo(ghi)perylene	U	ND	0.322	1.07	ug/L	0.00107	1					
Benzo(k)fluoranthene	U	ND	0.322	1.07	ug/L	0.00107	1					
Butylbenzylphthalate	U	ND	0.322	1.07	ug/L	0.00107	1					
Carbazole	U	ND	0.322	1.07	ug/L	0.00107	1					
Chrysene	U	ND	0.322	1.07	ug/L	0.00107	1					
Di-n-butylphthalate	U	ND	0.322	1.07	ug/L	0.00107	1					
Di-n-octylphthalate	U	ND	0.322	1.07	ug/L	0.00107	1					
Dibenzo(a,h)anthracene	U	ND	0.322	1.07	ug/L	0.00107	1					
Dibenzofuran	U	ND	3.22	10.7	ug/L	0.00107	1					
Diethylphthalate	U	ND	0.322	1.07	ug/L	0.00107	1					
Dimethylphthalate	U	ND	0.322	1.07	ug/L	0.00107	1					
Diphenylamine	U	ND	3.22	10.7	ug/L	0.00107	1					
Fluoranthene	U	ND	0.322	1.07	ug/L	0.00107	1					
Fluorene	U	ND	0.322	1.07	ug/L	0.00107	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-12 Project: RVDE00226C
Sample ID: 771268003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.22	10.7	ug/L	0.00107	1					
Hexachlorobutadiene	U	ND	3.22	10.7	ug/L	0.00107	1					
Hexachlorocyclopentadiene	U	ND	3.22	10.7	ug/L	0.00107	1					
Hexachloroethane	U	ND	3.22	10.7	ug/L	0.00107	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.322	1.07	ug/L	0.00107	1					
Isophorone	U	ND	3.76	10.7	ug/L	0.00107	1					
N-Nitrosodipropylamine	U	ND	3.22	10.7	ug/L	0.00107	1					
Naphthalene	U	ND	0.322	1.07	ug/L	0.00107	1					
Nitrobenzene	U	ND	3.22	10.7	ug/L	0.00107	1					
Pentachlorophenol	U	ND	3.22	10.7	ug/L	0.00107	1					
Phenanthrene	U	ND	0.322	1.07	ug/L	0.00107	1					
Phenol	U	ND	3.22	10.7	ug/L	0.00107	1					
Pyrene	U	ND	0.322	1.07	ug/L	0.00107	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.22	10.7	ug/L	0.00107	1					
bis(2-Chloroethoxy)methane	U	ND	3.22	10.7	ug/L	0.00107	1					
bis(2-Chloroethyl) ether	U	ND	3.22	10.7	ug/L	0.00107	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.322	1.07	ug/L	0.00107	1					
m,p-Cresols	U	ND	3.97	10.7	ug/L	0.00107	1					
m-Nitroaniline	U	ND	3.22	10.7	ug/L	0.00107	1					
o-Cresol	U	ND	3.22	10.7	ug/L	0.00107	1					
o-Nitroaniline	U	ND	3.22	10.7	ug/L	0.00107	1					
p-Nitroaniline	U	ND	3.22	10.7	ug/L	0.00107	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0175	0.00300	0.0100	mg/L		1	BR2	04/07/26	1913	2974009	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1456	2977529	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-12 Project: RVDE00226C
Sample ID: 771268003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	1.99	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.03	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-12 Project: RVDE00226C
Sample ID: 771268003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	88.4 ug/L	107	82	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	19.6 ug/L	107	18	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	29.4 ug/L	107	27	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	30.6 ug/L	53.6	57	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	34.9 ug/L	53.6	65	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	26.6 ug/L	53.6	50	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.3 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.0 ug/L	50.0	102	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.7 ug/L	50.0	97	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-12	Project:	RVDE00226C
Sample ID:	771268003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-12 Field Filtered	Project:	RVDE00226C
Sample ID:	771268004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 09:19		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1251	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/13/26	1804	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		206	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		129000	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		41200	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		17900	110	300	ug/L	1.00	1					
Manganese		434	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		22700	50.0	250	ug/L	1.00	1					
Selenium	J	6.75	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		52000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.99	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0209	0.00300	0.0100	mg/L		1	BR2	04/07/26	1913	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-12 Field Filtered	Project:	RVDE00226C
Sample ID:	771268004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-11	Project:	RVDE00226C
Sample ID:	771268005	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 09:54		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1252	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1520	68.0	200	ug/L	1.00	1	EM2	04/13/26	1807	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	9.47	5.00	30.0	ug/L	1.00	1					
Barium		79.7	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		57400	50.0	200	ug/L	1.00	1					
Chromium	J	2.41	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		11800	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7740	110	300	ug/L	1.00	1					
Manganese		406	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		12600	50.0	250	ug/L	1.00	1					
Selenium	J	8.08	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		40900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	3.54	1.00	5.00	ug/L	1.00	1					
Zinc	J	9.34	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.21	10.7	ug/L	0.00107	1	LL2	04/10/26	1827	2974972	3
1,2,4,5-Tetrachlorobenzene	U	ND	3.21	10.7	ug/L	0.00107	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4,5-Trichlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4,6-Trichlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4-Dichlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4-Dimethylphenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2,4-Dinitrophenol	U	ND	5.35	21.4	ug/L	0.00107	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-11 Project: RVDE00226C
Sample ID: 771268005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.21	10.7	ug/L	0.00107	1					
2,6-Dinitrotoluene	U	ND	3.21	10.7	ug/L	0.00107	1					
2-Chloronaphthalene	U	ND	0.439	1.07	ug/L	0.00107	1					
2-Chlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
2-Methylnaphthalene	U	ND	0.321	1.07	ug/L	0.00107	1					
2-Nitrophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
3,3'-Dichlorobenzidine	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Bromophenylphenylether	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Chloro-3-methylphenol	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Chloroaniline	U	ND	3.53	10.7	ug/L	0.00107	1					
4-Chlorophenylphenylether	U	ND	3.21	10.7	ug/L	0.00107	1					
4-Nitrophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
Acenaphthene	J	0.396	0.321	1.07	ug/L	0.00107	1					
Acenaphthylene	U	ND	0.321	1.07	ug/L	0.00107	1					
Acetophenone	U	ND	3.21	10.7	ug/L	0.00107	1					
Anthracene	U	ND	0.321	1.07	ug/L	0.00107	1					
Atrazine	U	ND	3.21	10.7	ug/L	0.00107	1					
Benzaldehyde	U	ND	3.21	10.7	ug/L	0.00107	1					
Benzo(a)anthracene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(a)pyrene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(b)fluoranthene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(ghi)perylene	U	ND	0.321	1.07	ug/L	0.00107	1					
Benzo(k)fluoranthene	U	ND	0.321	1.07	ug/L	0.00107	1					
Butylbenzylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Carbazole	U	ND	0.321	1.07	ug/L	0.00107	1					
Chrysene	U	ND	0.321	1.07	ug/L	0.00107	1					
Di-n-butylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Di-n-octylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Dibenzo(a,h)anthracene	U	ND	0.321	1.07	ug/L	0.00107	1					
Dibenzofuran	U	ND	3.21	10.7	ug/L	0.00107	1					
Diethylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Dimethylphthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
Diphenylamine	U	ND	3.21	10.7	ug/L	0.00107	1					
Fluoranthene	U	ND	0.321	1.07	ug/L	0.00107	1					
Fluorene	U	ND	0.321	1.07	ug/L	0.00107	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-11 Project: RVDE00226C
Sample ID: 771268005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.21	10.7	ug/L	0.00107	1					
Hexachlorobutadiene	U	ND	3.21	10.7	ug/L	0.00107	1					
Hexachlorocyclopentadiene	U	ND	3.21	10.7	ug/L	0.00107	1					
Hexachloroethane	U	ND	3.21	10.7	ug/L	0.00107	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.321	1.07	ug/L	0.00107	1					
Isophorone	U	ND	3.74	10.7	ug/L	0.00107	1					
N-Nitrosodipropylamine	U	ND	3.21	10.7	ug/L	0.00107	1					
Naphthalene	U	ND	0.321	1.07	ug/L	0.00107	1					
Nitrobenzene	U	ND	3.21	10.7	ug/L	0.00107	1					
Pentachlorophenol	U	ND	3.21	10.7	ug/L	0.00107	1					
Phenanthrene	U	ND	0.321	1.07	ug/L	0.00107	1					
Phenol	U	ND	3.21	10.7	ug/L	0.00107	1					
Pyrene	U	ND	0.321	1.07	ug/L	0.00107	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.21	10.7	ug/L	0.00107	1					
bis(2-Chloroethoxy)methane	U	ND	3.21	10.7	ug/L	0.00107	1					
bis(2-Chloroethyl) ether	U	ND	3.21	10.7	ug/L	0.00107	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.321	1.07	ug/L	0.00107	1					
m,p-Cresols	U	ND	3.96	10.7	ug/L	0.00107	1					
m-Nitroaniline	U	ND	3.21	10.7	ug/L	0.00107	1					
o-Cresol	U	ND	3.21	10.7	ug/L	0.00107	1					
o-Nitroaniline	U	ND	3.21	10.7	ug/L	0.00107	1					
p-Nitroaniline	U	ND	3.21	10.7	ug/L	0.00107	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00971	0.00300	0.0100	mg/L		1	BR2	04/07/26	1914	2974009	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1522	2977529	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-11 Project: RVDE00226C
Sample ID: 771268005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.02	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-11 Project: RVDE00226C
Sample ID: 771268005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	62.9 ug/L	107	59	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	16.4 ug/L	107	15	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	22.7 ug/L	107	21	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	31.4 ug/L	53.5	59	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.9 ug/L	53.5	56	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	13.4 ug/L	53.5	25	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.9 ug/L	50.0	100	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.5 ug/L	50.0	103	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.5 ug/L	50.0	97	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-11	Project:	RVDE00226C
Sample ID:	771268005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-11 Field Filtered	Project:	RVDE00226C
Sample ID:	771268006	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 09:54		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1254	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/13/26	1809	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.61	5.00	30.0	ug/L	1.00	1					
Barium		72.7	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		56000	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		8990	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7410	110	300	ug/L	1.00	1					
Manganese		395	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		12200	50.0	250	ug/L	1.00	1					
Selenium	J	8.97	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		39800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	6.93	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00525	0.00300	0.0100	mg/L		1	BR2	04/07/26	1915	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-11 Field Filtered	Project:	RVDE00226C
Sample ID:	771268006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-15	Project:	RVDE00226C
Sample ID:	771268007	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 10:40		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1256	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	155	68.0	200	ug/L	1.00	1	EM2	04/13/26	1812	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	5.29	5.00	30.0	ug/L	1.00	1					
Barium		31.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		44100	50.0	200	ug/L	1.00	1					
Chromium	J	1.39	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		4580	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5500	110	300	ug/L	1.00	1					
Manganese		109	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9560	50.0	250	ug/L	1.00	1					
Selenium	J	6.56	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		36600	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	6.11	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.45	ug/L	0.000945	1	BM1	04/14/26	1935	2977020	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dimethylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dinitrophenol	U	ND	4.73	18.9	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-15 Project: RVDE00226C
Sample ID: 771268007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,6-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Chloronaphthalene	U	ND	0.388	0.945	ug/L	0.000945	1					
2-Chlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methylnaphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
2-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Bromophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloroaniline	U	ND	3.12	9.45	ug/L	0.000945	1					
4-Chlorophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Acenaphthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acenaphthylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acetophenone	U	ND	2.84	9.45	ug/L	0.000945	1					
Anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Atrazine	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzaldehyde	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzo(a)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(a)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(b)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(ghi)perylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(k)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Butylbenzylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Carbazole	U	ND	0.284	0.945	ug/L	0.000945	1					
Chrysene	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-butylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-octylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzofuran	U	ND	2.84	9.45	ug/L	0.000945	1					
Diethylphthalate	J	0.586	0.284	0.945	ug/L	0.000945	1					
Dimethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Diphenylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Fluorene	U	ND	0.284	0.945	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-15 Project: RVDE00226C
Sample ID: 771268007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorobutadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachloroethane	U	ND	2.84	9.45	ug/L	0.000945	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Isophorone	U	ND	3.31	9.45	ug/L	0.000945	1					
N-Nitrosodipropylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Naphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
Nitrobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Pentachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Phenanthrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Phenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
m,p-Cresols	U	ND	3.50	9.45	ug/L	0.000945	1					
m-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Cresol	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
p-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00302	0.00300	0.0100	mg/L		1	BR2	04/07/26	1917	2974009	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1547	2977529	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-15 Project: RVDE00226C
Sample ID: 771268007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	1.97	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	J	0.420	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane		3.00	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	J	0.500	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane		4.46	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.02	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-15 Project: RVDE00226C
Sample ID: 771268007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/14/26	1124	2977016
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "As Received"	24.6 ug/L	47.3	52	(32%-102%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.8 ug/L	47.3	59	(31%-100%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	12.0 ug/L	47.3	25	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	57.5 ug/L	94.5	61	(28%-113%)
2-Fluorophenol	8270 TCL BNA "As Received"	25.3 ug/L	94.5	27	(15%-72%)
Phenol-d5	8270 TCL BNA "As Received"	17.1 ug/L	94.5	18	(15%-85%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.5 ug/L	50.0	99	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.4 ug/L	50.0	103	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-15	Project:	RVDE00226C
Sample ID:	771268007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-15	Project:	RVDE00226C
Sample ID:	771268008	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 10:40		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1257	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/13/26	1814	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		31.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		43900	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		4160	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5460	110	300	ug/L	1.00	1					
Manganese		110	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9590	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		37000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.58	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1917	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-15	Project:	RVDE00226C
Sample ID:	771268008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2974011											
QC1206429455 LCS											
Aluminum	5000			5160	ug/L		103	(80%-120%)	EM2	04/13/26	17:39
Antimony	500			515	ug/L		103	(80%-120%)			
Arsenic	500			525	ug/L		105	(80%-120%)			
Barium	500			519	ug/L		104	(80%-120%)			
Beryllium	500			514	ug/L		103	(80%-120%)			
Cadmium	500			513	ug/L		103	(80%-120%)			
Calcium	5000			5320	ug/L		106	(80%-120%)			
Chromium	500			523	ug/L		105	(80%-120%)			
Cobalt	500			519	ug/L		104	(80%-120%)			
Copper	500			518	ug/L		104	(80%-120%)			
Iron	5000			5310	ug/L		106	(80%-120%)			
Lead	500			500	ug/L		100	(80%-120%)			

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Magnesium	5000			5370	ug/L		107	(80%-120%)	EM2	04/13/26 17:39
Manganese	500			521	ug/L		104	(80%-120%)		
Nickel	500			524	ug/L		105	(80%-120%)		
Potassium	5000			5130	ug/L		103	(80%-120%)		
Selenium	500			505	ug/L		101	(80%-120%)		
Silver	100			101	ug/L		101	(80%-120%)		
Sodium	5000			5140	ug/L		103	(80%-120%)		
Thallium	500			528	ug/L		106	(80%-120%)		
Vanadium	500			524	ug/L		105	(80%-120%)		
Zinc	500			504	ug/L		101	(80%-120%)		
QC1206429454 MB										
Aluminum			U	ND	ug/L					04/13/26 17:35
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Beryllium			U	ND	ug/L				EM2	04/13/26 17:35
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Sodium				U	ND	ug/L				EM2	04/13/26 17:35
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206429456 771268001 MS											
Aluminum	5000		12000		27600	ug/L		312*	(75%-125%)		04/13/26 17:43
Antimony	500	J	5.42		500	ug/L		99	(75%-125%)		
Arsenic	500	J	12.3		551	ug/L		108	(75%-125%)		
Barium	500		174		701	ug/L		105	(75%-125%)		
Beryllium	500	J	1.05		513	ug/L		102	(75%-125%)		
Cadmium	500	U	ND		500	ug/L		99.8	(75%-125%)		
Calcium	5000		52000		61500	ug/L		N/A	(75%-125%)		
Chromium	500		24.3		532	ug/L		101	(75%-125%)		
Cobalt	500		5.20		513	ug/L		101	(75%-125%)		
Copper	500		54.5		578	ug/L		105	(75%-125%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Iron	5000		18000		25900	ug/L		159*	(75%-125%)	EM2	04/13/26 17:43
Lead	500		150		639	ug/L		97.8	(75%-125%)		
Magnesium	5000		4300		9970	ug/L		113	(75%-125%)		
Manganese	500		380		901	ug/L		104	(75%-125%)		
Nickel	500		8.30		509	ug/L		100	(75%-125%)		
Potassium	5000		20100		27300	ug/L		N/A	(75%-125%)		
Selenium	500	U	ND		499	ug/L		99.5	(75%-125%)		
Silver	100	U	ND		100	ug/L		100	(75%-125%)		
Sodium	5000		122000		137000	ug/L		N/A	(75%-125%)		
Thallium	500	U	ND		484	ug/L		96.8	(75%-125%)		
Vanadium	500		33.5		558	ug/L		105	(75%-125%)		
Zinc	500		359		878	ug/L		104	(75%-125%)		
QC1206429457 771268001 MSD											
Aluminum	5000		12000		26900	ug/L	2.42	298*	(0%-20%)		04/13/26 17:46
Antimony	500	J	5.42		493	ug/L	1.5	97.5	(0%-20%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Arsenic	500	J	12.3		541	ug/L	1.88	106	(0%-20%)	EM2	04/13/26 17:46
Barium	500		174		691	ug/L	1.49	103	(0%-20%)		
Beryllium	500	J	1.05		505	ug/L	1.52	101	(0%-20%)		
Cadmium	500	U	ND		489	ug/L	2.06	97.8	(0%-20%)		
Calcium	5000		52000		59900	ug/L	2.6	N/A	(0%-20%)		
Chromium	500		24.3		527	ug/L	0.91	100	(0%-20%)		
Cobalt	500		5.20		501	ug/L	2.28	99.2	(0%-20%)		
Copper	500		54.5		570	ug/L	1.47	103	(0%-20%)		
Iron	5000		18000		25200	ug/L	2.55	146*	(0%-20%)		
Lead	500		150		623	ug/L	2.61	94.5	(0%-20%)		
Magnesium	5000		4300		9730	ug/L	2.43	109	(0%-20%)		
Manganese	500		380		895	ug/L	0.6	103	(0%-20%)		
Nickel	500		8.30		503	ug/L	1.08	99	(0%-20%)		
Potassium	5000		20100		26500	ug/L	2.8	N/A	(0%-20%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2974011												
Selenium	500	U	ND		490	ug/L	1.92		97.6	(0%-20%)	EM2	04/13/26 17:46
Silver	100	U	ND		98.0	ug/L	2.12		98	(0%-20%)		
Sodium	5000		122000		133000	ug/L	2.57		N/A	(0%-20%)		
Thallium	500	U	ND		484	ug/L	0.065		96.8	(0%-20%)		
Vanadium	500		33.5		554	ug/L	0.569		104	(0%-20%)		
Zinc	500		359		868	ug/L	1.08		102	(0%-20%)		
QC1206429458 771268001 PS												
Aluminum	5000		12000		16300	ug/L			86.3	(75%-125%)		04/13/26 17:48
Iron	5000		18000		22200	ug/L			84.4	(75%-125%)		
QC1206429459 771268001 SDILT												
Aluminum			12000	E	3020	ug/L	25.9	*		(0%-20%)		04/13/26 17:51
Antimony		J	5.42	U	ND	ug/L	N/A			(0%-20%)		
Arsenic		J	12.3	U	ND	ug/L	N/A			(0%-20%)		
Barium			174	E	42.6	ug/L	22.4	*		(0%-20%)		
Beryllium		J	1.05	U	ND	ug/L	N/A			(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A			(0%-20%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Calcium		52000	E	13100	ug/L	26 *		(0%-20%)	EM2	04/13/26 17:51
Chromium		24.3	J	6.34	ug/L	30.5		(0%-20%)		
Cobalt		5.20	J	1.98	ug/L	90.2		(0%-20%)		
Copper		54.5	J	12.2	ug/L	11.9		(0%-20%)		
Iron		18000	E	4530	ug/L	26.2 *		(0%-20%)		
Lead		150		40.5	ug/L	34.8		(0%-20%)		
Magnesium		4300		1090	ug/L	26.3		(0%-20%)		
Manganese		380	E	95.7	ug/L	25.9 *		(0%-20%)		
Nickel		8.30	J	1.94	ug/L	17		(0%-20%)		
Potassium		20100	E	4940	ug/L	22.6 *		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		122000	E	30700	ug/L	25.5 *		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: 771268

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Vanadium			33.5		8.07	ug/L	20.3		(0%-20%)	EM2	04/13/26 17:51
Zinc			359		89.5	ug/L	24.8		(0%-20%)		
Metals Analysis-Mercury											
Batch 2974138											
QC1206429740 771145001 DUP											
Mercury		U	ND	U	ND	ug/L	N/A			PB1	04/09/26 12:36
QC1206429739 LCS											
Mercury	2.00				2.16	ug/L		108	(80%-120%)		04/09/26 12:32
QC1206429738 MB											
Mercury				U	ND	ug/L					04/09/26 12:31
QC1206429741 771145001 MS											
Mercury	2.00	U	ND		2.28	ug/L		114	(75%-125%)		04/09/26 12:37
Semi-Volatile-GC/MS											
Batch 2974972											
QC1206431267 LCS											
1,1'-Biphenyl	50.0				37.4	ug/L		75	(45%-114%)	LL2	04/10/26 17:21
1,2,4,5-Tetrachlorobenzene	50.0				35.7	ug/L		71	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0				43.0	ug/L		86	(41%-119%)		
2,4,5-Trichlorophenol	50.0				42.8	ug/L		86	(42%-122%)		
2,4,6-Trichlorophenol	50.0				44.0	ug/L		88	(40%-119%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
2,4-Dichlorophenol	50.0			39.2	ug/L		78	(36%-111%)	LL2	04/10/26 17:21
2,4-Dimethylphenol	50.0			21.5	ug/L		43	(31%-68%)		
2,4-Dinitrophenol	50.0			42.5	ug/L		85	(30%-120%)		
2,4-Dinitrotoluene	50.0			46.9	ug/L		94	(48%-128%)		
2,6-Dinitrotoluene	50.0			45.9	ug/L		92	(47%-124%)		
2-Chloronaphthalene	50.0			44.7	ug/L		89	(41%-113%)		
2-Chlorophenol	50.0			32.5	ug/L		65	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			41.9	ug/L		84	(32%-131%)		
2-Methylnaphthalene	50.0			44.7	ug/L		89	(42%-116%)		
2-Nitrophenol	50.0			39.1	ug/L		78	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			42.3	ug/L		85	(43%-116%)		
4-Bromophenylphenylether	50.0			45.7	ug/L		91	(49%-125%)		
4-Chloro-3-methylphenol	50.0			40.0	ug/L		80	(35%-113%)		
4-Chloroaniline	50.0			36.5	ug/L		73	(39%-112%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
4-Chlorophenylphenylether	50.0			49.5	ug/L		99	(48%-124%)	LL2	04/10/26 17:21
4-Nitrophenol	50.0			25.4	ug/L		51	(25%-69%)		
Acenaphthene	50.0			43.9	ug/L		88	(44%-118%)		
Acenaphthylene	50.0			39.9	ug/L		80	(42%-110%)		
Acetophenone	50.0			37.3	ug/L		75	(44%-114%)		
Anthracene	50.0			43.8	ug/L		88	(49%-121%)		
Atrazine	50.0			38.3	ug/L		77	(49%-147%)		
Benzaldehyde	50.0			30.7	ug/L		61	(27%-111%)		
Benzo(a)anthracene	50.0			43.5	ug/L		87	(46%-121%)		
Benzo(a)pyrene	50.0			42.0	ug/L		84	(41%-120%)		
Benzo(b)fluoranthene	50.0			50.2	ug/L		100	(45%-126%)		
Benzo(ghi)perylene	50.0			47.7	ug/L		95	(44%-129%)		
Benzo(k)fluoranthene	50.0			44.1	ug/L		88	(44%-126%)		
Butylbenzylphthalate	50.0			46.9	ug/L		94	(47%-135%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Carbazole	50.0			46.6	ug/L		93	(52%-127%)	LL2	04/10/26 17:21
Chrysene	50.0			45.4	ug/L		91	(46%-121%)		
Di-n-butylphthalate	50.0			47.0	ug/L		94	(51%-132%)		
Di-n-octylphthalate	50.0			44.1	ug/L		88	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			45.6	ug/L		91	(42%-123%)		
Dibenzofuran	50.0			45.5	ug/L		91	(48%-118%)		
Diethylphthalate	50.0			45.1	ug/L		90	(51%-131%)		
Dimethylphthalate	50.0			44.7	ug/L		89	(48%-129%)		
Diphenylamine	50.0			44.1	ug/L		88	(49%-122%)		
Fluoranthene	50.0			47.8	ug/L		96	(50%-126%)		
Fluorene	50.0			44.7	ug/L		89	(48%-122%)		
Hexachlorobenzene	50.0			45.4	ug/L		91	(46%-122%)		
Hexachlorobutadiene	50.0			38.8	ug/L		78	(32%-94%)		
Hexachlorocyclopentadiene	50.0			16.7	ug/L		33	(31%-64%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Hexachloroethane	50.0			34.0	ug/L		68	(31%-89%)	LL2	04/10/26 17:21
Indeno(1,2,3-cd)pyrene	50.0			46.7	ug/L		93	(40%-125%)		
Isophorone	50.0			35.7	ug/L		71	(39%-126%)		
N-Nitrosodipropylamine	50.0			40.3	ug/L		81	(44%-122%)		
Naphthalene	50.0			40.7	ug/L		81	(41%-107%)		
Nitrobenzene	50.0			40.2	ug/L		80	(42%-112%)		
Pentachlorophenol	50.0			49.5	ug/L		99	(36%-124%)		
Phenanthrene	50.0			45.9	ug/L		92	(48%-120%)		
Phenol	50.0			16.7	ug/L		33	(12%-90%)		
Pyrene	50.0			48.3	ug/L		97	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			38.7	ug/L		77	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			43.3	ug/L		87	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			37.8	ug/L		76	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			44.7	ug/L		89	(42%-132%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
m,p-Cresols	50.0			27.7	ug/L		55	(29%-82%)	LL2	04/10/26 17:21
m-Nitroaniline	50.0			41.6	ug/L		83	(44%-119%)		
o-Cresol	50.0			29.0	ug/L		58	(29%-86%)		
o-Nitroaniline	50.0			43.7	ug/L		87	(45%-128%)		
p-Nitroaniline	50.0			47.5	ug/L		95	(46%-130%)		
**2,4,6-Tribromophenol	100			85.0	ug/L		85	(28%-113%)		
**2-Fluorobiphenyl	50.0			39.9	ug/L		80	(32%-102%)		
**2-Fluorophenol	100			37.9	ug/L		38	(15%-72%)		
**Nitrobenzene-d5	50.0			37.0	ug/L		74	(31%-100%)		
**Phenol-d5	100			27.6	ug/L		28	(15%-85%)		
**p-Terphenyl-d14	50.0			38.9	ug/L		78	(20%-118%)		
QC1206431266 MB										
1,1'-Biphenyl			U	ND	ug/L					04/10/26 16:57
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
2,4,5-Trichlorophenol			U	ND	ug/L				LL2	04/10/26 16:57
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
4-Chloro-3-methylphenol			U	ND	ug/L				LL2	04/10/26 16:57
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Benzo(k)fluoranthene			U	ND	ug/L				LL2	04/10/26 16:57
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Hexachlorobutadiene			U	ND	ug/L				LL2	04/10/26 16:57
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
bis(2-Chloroethyl) ether			U	ND	ug/L				LL2	04/10/26 16:57
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			80.8	ug/L		81	(28%-113%)		
**2-Fluorobiphenyl	50.0			40.7	ug/L		81	(32%-102%)		
**2-Fluorophenol	100			33.5	ug/L		33	(15%-72%)		
**Nitrobenzene-d5	50.0			37.5	ug/L		75	(31%-100%)		
**Phenol-d5	100			22.8	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0			39.8	ug/L		80	(20%-118%)		
QC1206431268 771374001 MS										
1,1'-Biphenyl	100	U	ND	76.5	ug/L		76	(30%-119%)		04/10/26 21:21

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
1,2,4,5-Tetrachlorobenzene	100	U	ND		73.8	ug/L		74	(28%-109%)	LL2	04/10/26 21:21
2,3,4,6-Tetrachlorophenol	100	U	ND		93.5	ug/L		94	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		94.3	ug/L		94	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		97.5	ug/L		97	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		91.3	ug/L		91	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		51.2	ug/L		51	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		100	ug/L		100	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		99.3	ug/L		99	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		97.9	ug/L		98	(35%-126%)		
2-Chloronaphthalene	100	U	ND		91.0	ug/L		91	(31%-114%)		
2-Chlorophenol	100	U	ND		81.5	ug/L		81	(25%-106%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		95.7	ug/L		96	(25%-131%)		
2-Methylnaphthalene	100	U	ND		93.0	ug/L		93	(32%-117%)		
2-Nitrophenol	100	U	ND		88.8	ug/L		89	(28%-118%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
3,3'-Dichlorobenzidine	100	U	ND		73.4	ug/L		73	(24%-119%)	LL2	04/10/26 21:21
4-Bromophenylphenylether	100	U	ND		93.4	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	100	U	ND		93.1	ug/L		93	(32%-122%)		
4-Chloroaniline	100	U	ND		75.0	ug/L		75	(27%-117%)		
4-Chlorophenylphenylether	100	U	ND		99.7	ug/L		100	(35%-126%)		
4-Nitrophenol	100	U	ND		81.7	ug/L		82	(9%-95%)		
Acenaphthene	100	U	ND		90.2	ug/L		90	(33%-118%)		
Acenaphthylene	100	U	ND		81.4	ug/L		81	(30%-112%)		
Acetophenone	100	U	ND		78.8	ug/L		79	(31%-118%)		
Anthracene	100	U	ND		87.6	ug/L		88	(35%-122%)		
Atrazine	100	U	ND		73.4	ug/L		73	(26%-158%)		
Benzaldehyde	100	U	ND		62.2	ug/L		62	(16%-109%)		
Benzo(a)anthracene	100	U	ND		87.3	ug/L		87	(33%-122%)		
Benzo(a)pyrene	100	U	ND		87.4	ug/L		87	(30%-121%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Benzo(b)fluoranthene	100	U	ND		105	ug/L		105	(33%-128%)	LL2	04/10/26 21:21
Benzo(ghi)perylene	100	U	ND		93.8	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		93.8	ug/L		94	(32%-128%)		
Butylbenzylphthalate	100	U	ND		97.4	ug/L		97	(35%-136%)		
Carbazole	100	U	ND		95.3	ug/L		95	(39%-129%)		
Chrysene	100	U	ND		91.0	ug/L		91	(34%-122%)		
Di-n-butylphthalate	100	J	0.450		94.7	ug/L		94	(36%-133%)		
Di-n-octylphthalate	100	U	ND		94.9	ug/L		95	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		90.5	ug/L		91	(30%-124%)		
Dibenzofuran	100	U	ND		93.0	ug/L		93	(36%-120%)		
Diethylphthalate	100	U	ND		93.9	ug/L		94	(37%-133%)		
Dimethylphthalate	100	U	ND		93.4	ug/L		93	(36%-131%)		
Diphenylamine	100	U	ND		90.5	ug/L		91	(33%-124%)		
Fluoranthene	100	U	ND		93.6	ug/L		94	(36%-128%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Fluorene	100	U	ND		91.0	ug/L		91	(35%-124%)	LL2	04/10/26 21:21
Hexachlorobenzene	100	U	ND		92.0	ug/L		92	(34%-123%)		
Hexachlorobutadiene	100	U	ND		82.6	ug/L		83	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		36.8	ug/L		37	(18%-65%)		
Hexachloroethane	100	U	ND		73.7	ug/L		74	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		92.8	ug/L		93	(29%-127%)		
Isophorone	100	U	ND		75.4	ug/L		75	(27%-128%)		
N-Nitrosodipropylamine	100	U	ND		84.9	ug/L		85	(30%-128%)		
Naphthalene	100	U	ND		84.1	ug/L		84	(30%-109%)		
Nitrobenzene	100	U	ND		83.6	ug/L		84	(30%-117%)		
Pentachlorophenol	100	U	ND		109	ug/L		109	(30%-131%)		
Phenanthrene	100	U	ND		90.8	ug/L		91	(35%-122%)		
Phenol	100	U	ND		60.0	ug/L		60	(16%-74%)		
Pyrene	100	U	ND		94.4	ug/L		94	(36%-130%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
bis(2-Chloro-1-methylethyl)ether	100	U	ND		82.4	ug/L		82	(19%-144%)	LL2	04/10/26 21:21
bis(2-Chloroethoxy)methane	100	U	ND		89.5	ug/L		90	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		80.2	ug/L		80	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		96.1	ug/L		96	(29%-135%)		
m,p-Cresols	100	U	ND		80.0	ug/L		80	(21%-105%)		
m-Nitroaniline	100	U	ND		91.8	ug/L		92	(29%-127%)		
o-Cresol	100	U	ND		79.8	ug/L		80	(23%-104%)		
o-Nitroaniline	100	U	ND		95.4	ug/L		95	(32%-130%)		
p-Nitroaniline	100	U	ND		100	ug/L		100	(33%-134%)		
**2,4,6-Tribromophenol	200		82.2		196	ug/L		98	(28%-113%)		
**2-Fluorobiphenyl	100		34.1		81.9	ug/L		82	(32%-102%)		
**2-Fluorophenol	200		35.4		122	ug/L		61	(15%-72%)		
**Nitrobenzene-d5	100		32.4		80.0	ug/L		80	(31%-100%)		
**Phenol-d5	200		23.4		105	ug/L		53	(15%-85%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
**p-Terphenyl-d14	100		26.6		65.9	ug/L		66	(20%-118%)	LL2	04/10/26 21:21
QC1206431269 771374001 MSD											
1,1'-Biphenyl	100	U	ND		65.8	ug/L	15	66	(0%-30%)		04/10/26 21:46
1,2,4,5-Tetrachlorobenzene	100	U	ND		64.6	ug/L	13	65	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		77.5	ug/L	19	78	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		79.5	ug/L	17	80	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		80.6	ug/L	19	81	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		77.6	ug/L	16	78	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		45.2	ug/L	12	45	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		86.4	ug/L	15	86	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		86.5	ug/L	14	86	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		83.6	ug/L	16	84	(0%-30%)		
2-Chloronaphthalene	100	U	ND		84.9	ug/L	7	85	(0%-30%)		
2-Chlorophenol	100	U	ND		68.2	ug/L	18	68	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		79.6	ug/L	18	80	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
2-Methylnaphthalene	100	U	ND		82.5	ug/L	12	83	(0%-30%)	LL2	04/10/26 21:46
2-Nitrophenol	100	U	ND		76.0	ug/L	16	76	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		61.7	ug/L	17	62	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		79.3	ug/L	16	79	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		81.0	ug/L	14	81	(0%-30%)		
4-Chloroaniline	100	U	ND		63.2	ug/L	17	63	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		84.2	ug/L	17	84	(0%-30%)		
4-Nitrophenol	100	U	ND		68.2	ug/L	18	68	(0%-30%)		
Acenaphthene	100	U	ND		78.2	ug/L	14	78	(0%-30%)		
Acenaphthylene	100	U	ND		71.2	ug/L	13	71	(0%-30%)		
Acetophenone	100	U	ND		66.6	ug/L	17	67	(0%-30%)		
Anthracene	100	U	ND		75.5	ug/L	15	76	(0%-30%)		
Atrazine	100	U	ND		56.2	ug/L	27	56	(0%-30%)		
Benzaldehyde	100	U	ND		53.6	ug/L	15	54	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Benzo(a)anthracene	100	U	ND		74.3	ug/L	16	74	(0%-30%)	LL2	04/10/26 21:46
Benzo(a)pyrene	100	U	ND		72.1	ug/L	19	72	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		83.8	ug/L	22	84	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		83.1	ug/L	12	83	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		77.5	ug/L	19	77	(0%-30%)		
Butylbenzylphthalate	100	U	ND		79.7	ug/L	20	80	(0%-30%)		
Carbazole	100	U	ND		82.9	ug/L	14	83	(0%-30%)		
Chrysene	100	U	ND		77.2	ug/L	16	77	(0%-30%)		
Di-n-butylphthalate	100	J	0.450		80.4	ug/L	16	80	(0%-30%)		
Di-n-octylphthalate	100	U	ND		82.2	ug/L	14	82	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		80.9	ug/L	11	81	(0%-30%)		
Dibenzofuran	100	U	ND		81.8	ug/L	13	82	(0%-30%)		
Diethylphthalate	100	U	ND		82.5	ug/L	13	82	(0%-30%)		
Dimethylphthalate	100	U	ND		80.6	ug/L	15	81	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Diphenylamine	100	U	ND		77.1	ug/L	16	77	(0%-30%)	LL2	04/10/26 21:46
Fluoranthene	100	U	ND		81.3	ug/L	14	81	(0%-30%)		
Fluorene	100	U	ND		78.6	ug/L	15	79	(0%-30%)		
Hexachlorobenzene	100	U	ND		79.6	ug/L	14	80	(0%-30%)		
Hexachlorobutadiene	100	U	ND		73.5	ug/L	12	74	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		31.4	ug/L	16	31	(0%-30%)		
Hexachloroethane	100	U	ND		65.4	ug/L	12	65	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		82.1	ug/L	12	82	(0%-30%)		
Isophorone	100	U	ND		65.8	ug/L	14	66	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		72.3	ug/L	16	72	(0%-30%)		
Naphthalene	100	U	ND		75.1	ug/L	11	75	(0%-30%)		
Nitrobenzene	100	U	ND		74.6	ug/L	11	75	(0%-30%)		
Pentachlorophenol	100	U	ND		90.8	ug/L	19	91	(0%-30%)		
Phenanthrene	100	U	ND		78.1	ug/L	15	78	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Phenol	100	U	ND		49.3	ug/L	20	49	(0%-30%)	LL2	04/10/26 21:46
Pyrene	100	U	ND		81.7	ug/L	14	82	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		71.2	ug/L	14	71	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		79.1	ug/L	12	79	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		69.7	ug/L	14	70	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		79.9	ug/L	18	80	(0%-30%)		
m,p-Cresols	100	U	ND		67.5	ug/L	17	68	(0%-30%)		
m-Nitroaniline	100	U	ND		77.5	ug/L	17	77	(0%-30%)		
o-Cresol	100	U	ND		67.8	ug/L	16	68	(0%-30%)		
o-Nitroaniline	100	U	ND		83.5	ug/L	13	83	(0%-30%)		
p-Nitroaniline	100	U	ND		86.9	ug/L	14	87	(0%-30%)		
**2,4,6-Tribromophenol	200		82.2		158	ug/L		79	(28%-113%)		
**2-Fluorobiphenyl	100		34.1		70.3	ug/L		70	(32%-102%)		
**2-Fluorophenol	200		35.4		101	ug/L		50	(15%-72%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
**Nitrobenzene-d5	100	32.4		70.0	ug/L		70	(31%-100%)	LL2	04/10/26 21:46
**Phenol-d5	200	23.4		84.4	ug/L		42	(15%-85%)		
**p-Terphenyl-d14	100	26.6		58.9	ug/L		59	(20%-118%)		
Batch 2977020										
QC1206434905 LCS										
1,1'-Biphenyl	50.0			21.0	ug/L		42*	(45%-114%)	BM1	04/14/26 18:29
1,2,4,5-Tetrachlorobenzene	50.0			18.7	ug/L		37*	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			26.6	ug/L		53	(41%-119%)		
2,4,5-Trichlorophenol	50.0			32.0	ug/L		64	(42%-122%)		
2,4,6-Trichlorophenol	50.0			26.5	ug/L		53	(40%-119%)		
2,4-Dichlorophenol	50.0			26.7	ug/L		53	(36%-111%)		
2,4-Dimethylphenol	50.0			15.7	ug/L		31	(31%-68%)		
2,4-Dinitrophenol	50.0			28.3	ug/L		57	(30%-120%)		
2,4-Dinitrotoluene	50.0			29.6	ug/L		59	(48%-128%)		
2,6-Dinitrotoluene	50.0			29.6	ug/L		59	(47%-124%)		
2-Chloronaphthalene	50.0			26.5	ug/L		53	(41%-113%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
2-Chlorophenol	50.0			24.5	ug/L		49	(30%-95%)	BM1	04/14/26 18:29
2-Methyl-4,6-dinitrophenol	50.0			25.3	ug/L		51	(32%-131%)		
2-Methylnaphthalene	50.0			27.8	ug/L		56	(42%-116%)		
2-Nitrophenol	50.0			27.3	ug/L		55	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			28.1	ug/L		56	(43%-116%)		
4-Bromophenylphenylether	50.0			26.7	ug/L		53	(49%-125%)		
4-Chloro-3-methylphenol	50.0			26.8	ug/L		54	(35%-113%)		
4-Chloroaniline	50.0			35.6	ug/L		71	(39%-112%)		
4-Chlorophenylphenylether	50.0			27.2	ug/L		54	(48%-124%)		
4-Nitrophenol	50.0			17.9	ug/L		36	(25%-69%)		
Acenaphthene	50.0			25.8	ug/L		52	(44%-118%)		
Acenaphthylene	50.0			23.8	ug/L		48	(42%-110%)		
Acetophenone	50.0			27.0	ug/L		54	(44%-114%)		
Anthracene	50.0			25.8	ug/L		52	(49%-121%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Atrazine	50.0			24.4	ug/L		49	(49%-147%)	BM1	04/14/26 18:29
Benzaldehyde	50.0			18.2	ug/L		36	(27%-111%)		
Benzo(a)anthracene	50.0			26.9	ug/L		54	(46%-121%)		
Benzo(a)pyrene	50.0			25.8	ug/L		52	(41%-120%)		
Benzo(b)fluoranthene	50.0			30.1	ug/L		60	(45%-126%)		
Benzo(ghi)perylene	50.0			28.4	ug/L		57	(44%-129%)		
Benzo(k)fluoranthene	50.0			27.1	ug/L		54	(44%-126%)		
Butylbenzylphthalate	50.0			30.9	ug/L		62	(47%-135%)		
Carbazole	50.0			30.7	ug/L		61	(52%-127%)		
Chrysene	50.0			26.7	ug/L		53	(46%-121%)		
Di-n-butylphthalate	50.0			30.0	ug/L		60	(51%-132%)		
Di-n-octylphthalate	50.0			31.1	ug/L		62	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			27.6	ug/L		55	(42%-123%)		
Dibenzofuran	50.0			26.5	ug/L		53	(48%-118%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Diethylphthalate	50.0			30.7	ug/L		61	(51%-131%)	BM1	04/14/26 18:29
Dimethylphthalate	50.0			30.1	ug/L		60	(48%-129%)		
Diphenylamine	50.0			29.7	ug/L		59	(49%-122%)		
Fluoranthene	50.0			28.1	ug/L		56	(50%-126%)		
Fluorene	50.0			26.9	ug/L		54	(48%-122%)		
Hexachlorobenzene	50.0			26.0	ug/L		52	(46%-122%)		
Hexachlorobutadiene	50.0			21.5	ug/L		43	(32%-94%)		
Hexachlorocyclopentadiene	50.0		J	7.05	ug/L		14*	(31%-64%)		
Hexachloroethane	50.0			22.6	ug/L		45	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			27.9	ug/L		56	(40%-125%)		
Isophorone	50.0			27.7	ug/L		55	(39%-126%)		
N-Nitrosodipropylamine	50.0			34.7	ug/L		69	(44%-122%)		
Naphthalene	50.0			25.5	ug/L		51	(41%-107%)		
Nitrobenzene	50.0			29.7	ug/L		59	(42%-112%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Pentachlorophenol	50.0			30.4	ug/L		61	(36%-124%)	BM1	04/14/26 18:29
Phenanthrene	50.0			27.1	ug/L		54	(48%-120%)		
Phenol	50.0			14.8	ug/L		30	(12%-90%)		
Pyrene	50.0			27.7	ug/L		55	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			34.2	ug/L		68	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			31.2	ug/L		62	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			30.9	ug/L		62	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			30.5	ug/L		61	(42%-132%)		
m,p-Cresols	50.0			24.6	ug/L		49	(29%-82%)		
m-Nitroaniline	50.0			37.9	ug/L		76	(44%-119%)		
o-Cresol	50.0			21.9	ug/L		44	(29%-86%)		
o-Nitroaniline	50.0			36.7	ug/L		73	(45%-128%)		
p-Nitroaniline	50.0			37.6	ug/L		75	(46%-130%)		
**2,4,6-Tribromophenol	100			56.2	ug/L		56	(28%-113%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
**2-Fluorobiphenyl	50.0			24.8	ug/L		50	(32%-102%)	BM1	04/14/26 18:29
**2-Fluorophenol	100			29.4	ug/L		29	(15%-72%)		
**Nitrobenzene-d5	50.0			28.7	ug/L		57	(31%-100%)		
**Phenol-d5	100			22.9	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0			29.0	ug/L		58	(20%-118%)		
QC1206434906 LCSD										
1,1'-Biphenyl	50.0			25.8	ug/L	21	52	(0%-30%)		04/14/26 18:51
1,2,4,5-Tetrachlorobenzene	50.0			23.7	ug/L	24	47	(0%-30%)		
2,3,4,6-Tetrachlorophenol	50.0			24.7	ug/L	7	49	(0%-30%)		
2,4,5-Trichlorophenol	50.0			29.8	ug/L	7	60	(0%-27%)		
2,4,6-Trichlorophenol	50.0			25.0	ug/L	6	50	(0%-28%)		
2,4-Dichlorophenol	50.0			24.9	ug/L	7	50	(0%-30%)		
2,4-Dimethylphenol	50.0			14.4	ug/L	8	29*	(0%-30%)		
2,4-Dinitrophenol	50.0			25.5	ug/L	10	51	(0%-30%)		
2,4-Dinitrotoluene	50.0			29.0	ug/L	2	58	(0%-32%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
2,6-Dinitrotoluene	50.0			29.2	ug/L	1	58	(0%-30%)	BM1	04/14/26 18:51
2-Chloronaphthalene	50.0			29.2	ug/L	10	58	(0%-30%)		
2-Chlorophenol	50.0			24.0	ug/L	2	48	(0%-30%)		
2-Methyl-4,6-dinitrophenol	50.0			23.0	ug/L	10	46	(0%-30%)		
2-Methylnaphthalene	50.0			30.7	ug/L	10	61	(0%-30%)		
2-Nitrophenol	50.0			27.5	ug/L	1	55	(0%-30%)		
3,3'-Dichlorobenzidine	50.0			29.0	ug/L	3	58	(0%-30%)		
4-Bromophenylphenylether	50.0			28.7	ug/L	7	57	(0%-30%)		
4-Chloro-3-methylphenol	50.0			24.2	ug/L	10	48	(0%-30%)		
4-Chloroaniline	50.0			26.9	ug/L	28	54	(0%-30%)		
4-Chlorophenylphenylether	50.0			29.4	ug/L	7	59	(0%-30%)		
4-Nitrophenol	50.0			14.3	ug/L	23	29	(0%-30%)		
Acenaphthene	50.0			28.1	ug/L	8	56	(0%-30%)		
Acenaphthylene	50.0			25.5	ug/L	7	51	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Acetophenone	50.0			31.3	ug/L	15	63	(0%-30%)	BM1	04/14/26 18:51
Anthracene	50.0			27.5	ug/L	6	55	(0%-30%)		
Atrazine	50.0			24.8	ug/L	2	50	(0%-30%)		
Benzaldehyde	50.0			22.8	ug/L	23	46	(0%-30%)		
Benzo(a)anthracene	50.0			27.7	ug/L	3	55	(0%-30%)		
Benzo(a)pyrene	50.0			26.6	ug/L	3	53	(0%-30%)		
Benzo(b)fluoranthene	50.0			31.5	ug/L	5	63	(0%-30%)		
Benzo(ghi)perylene	50.0			29.5	ug/L	4	59	(0%-30%)		
Benzo(k)fluoranthene	50.0			28.4	ug/L	5	57	(0%-30%)		
Butylbenzylphthalate	50.0			32.2	ug/L	4	64	(0%-30%)		
Carbazole	50.0			29.8	ug/L	3	60	(0%-30%)		
Chrysene	50.0			27.4	ug/L	3	55	(0%-30%)		
Di-n-butylphthalate	50.0			31.4	ug/L	5	63	(0%-30%)		
Di-n-octylphthalate	50.0			31.7	ug/L	2	63	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Dibenzo(a,h)anthracene	50.0			28.6	ug/L	4	57	(0%-30%)	BM1	04/14/26 18:51
Dibenzofuran	50.0			28.5	ug/L	7	57	(0%-30%)		
Diethylphthalate	50.0			29.8	ug/L	3	60	(0%-30%)		
Dimethylphthalate	50.0			28.8	ug/L	5	58	(0%-30%)		
Diphenylamine	50.0			29.2	ug/L	2	58	(0%-30%)		
Fluoranthene	50.0			29.3	ug/L	4	59	(0%-30%)		
Fluorene	50.0			28.8	ug/L	7	58	(0%-30%)		
Hexachlorobenzene	50.0			27.6	ug/L	6	55	(0%-25%)		
Hexachlorobutadiene	50.0			24.3	ug/L	12	49	(0%-28%)		
Hexachlorocyclopentadiene	50.0		J	7.42	ug/L	5	15*	(0%-30%)		
Hexachloroethane	50.0			24.8	ug/L	10	50	(0%-29%)		
Indeno(1,2,3-cd)pyrene	50.0			28.9	ug/L	4	58	(0%-30%)		
Isophorone	50.0			27.6	ug/L	0	55	(0%-30%)		
N-Nitrosodipropylamine	50.0			35.5	ug/L	2	71	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Naphthalene	50.0			27.6	ug/L	8	55	(0%-30%)	BM1	04/14/26 18:51
Nitrobenzene	50.0			31.0	ug/L	4	62	(0%-28%)		
Pentachlorophenol	50.0			29.2	ug/L	4	58	(0%-33%)		
Phenanthrene	50.0			28.6	ug/L	5	57	(0%-30%)		
Phenol	50.0			13.3	ug/L	11	27	(0%-30%)		
Pyrene	50.0			29.1	ug/L	5	58	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	50.0			36.4	ug/L	6	73	(0%-30%)		
bis(2-Chloroethoxy)methane	50.0			31.5	ug/L	1	63	(0%-30%)		
bis(2-Chloroethyl) ether	50.0			31.7	ug/L	3	63	(0%-30%)		
bis(2-Ethylhexyl)phthalate	50.0			31.3	ug/L	3	63	(0%-30%)		
m,p-Cresols	50.0			23.1	ug/L	7	46	(0%-34%)		
m-Nitroaniline	50.0			29.7	ug/L	24	59	(0%-30%)		
o-Cresol	50.0			21.3	ug/L	3	43	(0%-36%)		
o-Nitroaniline	50.0			32.5	ug/L	12	65	(0%-30%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
p-Nitroaniline	50.0			30.8	ug/L	20	62	(0%-30%)	BM1	04/14/26 18:51
**2,4,6-Tribromophenol	100			48.7	ug/L		49	(28%-113%)		
**2-Fluorobiphenyl	50.0			24.7	ug/L		49	(32%-102%)		
**2-Fluorophenol	100			28.7	ug/L		29	(15%-72%)		
**Nitrobenzene-d5	50.0			28.1	ug/L		56	(31%-100%)		
**Phenol-d5	100			21.2	ug/L		21	(15%-85%)		
**p-Terphenyl-d14	50.0			24.3	ug/L		49	(20%-118%)		
QC1206434904 MB										
1,1'-Biphenyl			U	ND	ug/L					04/14/26 18:07
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
2,4-Dinitrophenol			U	ND	ug/L				BM1	04/14/26 18:07
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Acenaphthene			U	ND	ug/L				BM1	04/14/26 18:07
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Di-n-butylphthalate			U	ND	ug/L				BM1	04/14/26 18:07
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
Isophorone			U	ND	ug/L				BM1	04/14/26 18:07
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977020										
o-Cresol			U	ND	ug/L				BM1	04/14/26 18:07
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			73.6	ug/L		74	(28%-113%)		
**2-Fluorobiphenyl	50.0			33.2	ug/L		66	(32%-102%)		
**2-Fluorophenol	100			40.2	ug/L		40	(15%-72%)		
**Nitrobenzene-d5	50.0			37.3	ug/L		75	(31%-100%)		
**Phenol-d5	100			27.3	ug/L		27	(15%-85%)		
**p-Terphenyl-d14	50.0			38.0	ug/L		76	(20%-118%)		
Spectrometric Analysis										
Batch 2974009										
QC1206429450 771268001 DUP										
Hexavalent Chromium		U	ND	U ND	mg/L	N/A			BR2	04/07/26 19:11
QC1206429452 771271003 DUP										
Hexavalent Chromium		U	ND	U ND	mg/L	N/A				04/07/26 19:23
QC1206429449 LCS										
Hexavalent Chromium	0.0500			0.0498	mg/L		99.7	(85%-115%)		04/07/26 19:09

QC Summary

Workorder: 771268

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2974009											
QC1206429448 MB											
Hexavalent Chromium				U	ND	mg/L				BR2	04/07/26 19:08
QC1206429451 771268001 MS											
Hexavalent Chromium	0.0500	U	ND		0.0153	mg/L		30.6*	(85%-115%)		04/07/26 19:11
QC1206429453 771271003 MS											
Hexavalent Chromium	0.0500	U	ND		0.0487	mg/L		95.9	(85%-115%)		04/07/26 19:23
Volatile-GC/MS											
Batch 2977529											
QC1206435764 LCS											
1,1,1-Trichloroethane	50.0				42.7	ug/L		85	(70%-130%)	JA2	04/14/26 08:59
1,1,2,2-Tetrachloroethane	50.0				38.4	ug/L		77	(70%-130%)		
1,1,2-Trichloroethane	50.0				41.0	ug/L		82	(70%-130%)		
1,1-Dichloroethane	50.0				44.2	ug/L		88	(70%-130%)		
1,1-Dichloroethylene	50.0				50.1	ug/L		100	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				46.7	ug/L		93	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				46.7	ug/L		93	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				39.2	ug/L		78	(70%-130%)		
1,2-Dibromoethane	50.0				45.2	ug/L		90	(70%-130%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
1,2-Dichlorobenzene	50.0			41.7	ug/L		83	(70%-130%)	JA2	04/14/26 08:59
1,2-Dichloroethane	50.0			45.7	ug/L		91	(70%-130%)		
1,2-Dichloropropane	50.0			43.6	ug/L		87	(70%-130%)		
1,3-Dichlorobenzene	50.0			41.0	ug/L		82	(70%-130%)		
1,4-Dichlorobenzene	50.0			39.5	ug/L		79	(70%-130%)		
2-Butanone	250			218	ug/L		87	(70%-130%)		
2-Hexanone	250			230	ug/L		92	(70%-130%)		
4-Methyl-2-pentanone	250			229	ug/L		91	(70%-130%)		
Acetone	250			191	ug/L		77	(70%-130%)		
Benzene	50.0			40.9	ug/L		82	(70%-130%)		
Bromochloromethane	50.0			44.7	ug/L		89	(70%-130%)		
Bromodichloromethane	50.0			46.5	ug/L		93	(70%-130%)		
Bromoform	50.0			41.3	ug/L		83	(70%-130%)		
Bromomethane	50.0			55.7	ug/L		111	(70%-130%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Carbon disulfide	250			215	ug/L		86	(70%-130%)	JA2	04/14/26 08:59
Carbon tetrachloride	50.0			43.8	ug/L		88	(70%-130%)		
Chlorobenzene	50.0			38.9	ug/L		78	(70%-130%)		
Chloroethane	50.0			49.2	ug/L		98	(70%-130%)		
Chloroform	50.0			43.5	ug/L		87	(70%-130%)		
Chloromethane	50.0			49.8	ug/L		100	(70%-130%)		
Cyclohexane	50.0			47.5	ug/L		95	(70%-130%)		
Dibromochloromethane	50.0			46.7	ug/L		93	(70%-130%)		
Dichlorodifluoromethane	50.0			49.7	ug/L		99	(70%-130%)		
Ethylbenzene	50.0			40.4	ug/L		81	(70%-130%)		
Isopropylbenzene	50.0			45.8	ug/L		92	(70%-130%)		
Methyl acetate	250			217	ug/L		87	(70%-130%)		
Methylcyclohexane	50.0			44.8	ug/L		90	(70%-130%)		
Methylene chloride	50.0		B	41.6	ug/L		83	(70%-130%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Styrene	50.0			38.7	ug/L		77	(70%-130%)	JA2	04/14/26 08:59
Tetrachloroethylene	50.0			40.4	ug/L		81	(70%-130%)		
Toluene	50.0			39.1	ug/L		78	(70%-130%)		
Trichloroethylene	50.0			44.9	ug/L		90	(70%-130%)		
Trichlorofluoromethane	50.0			46.2	ug/L		92	(70%-130%)		
Vinyl chloride	50.0			52.2	ug/L		104	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			47.4	ug/L		95	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			40.4	ug/L		81	(70%-130%)		
m,p-Xylenes	100			86.3	ug/L		86	(70%-130%)		
o-Xylene	50.0			45.2	ug/L		90	(70%-130%)		
tert-Butyl methyl ether	50.0			43.3	ug/L		87	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			47.2	ug/L		94	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			38.9	ug/L		78	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			53.5	ug/L		107	(71%-131%)		

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
**Bromofluorobenzene	50.0			51.4	ug/L		103	(77%-123%)	JA2	04/14/26 08:59
**Toluene-d8	50.0			48.2	ug/L		96	(77%-121%)		
QC1206435765 LCS										
1,4-Dioxane	2500			2370	ug/L		95	(70%-130%)		04/14/26 09:50
Trichlorotrifluoroethane	250			238	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			55.7	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0			53.3	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			49.2	ug/L		98	(77%-121%)		
QC1206435766 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/14/26 11:07
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2977529											
1,2-Dibromo-3-chloropropane			U	ND	ug/L				JA2	04/14/26	11:07
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Bromodichloromethane			U	ND	ug/L				JA2	04/14/26 11:07
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Methyl acetate			U	ND	ug/L				JA2	04/14/26 11:07
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			J	1.46	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
tert-Butyl methyl ether				U	ND	ug/L				JA2	04/14/26 11:07
trans-1,2-Dichloroethylene				U	ND	ug/L					
trans-1,3-Dichloropropylene				U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0				51.6	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0				49.0	ug/L		98	(77%-123%)		
**Toluene-d8	50.0				48.1	ug/L		96	(77%-121%)		
QC1206435767 771102002 MS											
1,1,1-Trichloroethane	50.0	U	ND		45.1	ug/L		90	(60%-123%)		04/14/26 18:21
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.8	ug/L		82	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		43.9	ug/L		88	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		46.5	ug/L		93	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		49.4	ug/L		99	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.3	ug/L		83	(49%-133%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
1,2-Dibromoethane	50.0	U	ND		48.4	ug/L		97	(66%-125%)	JA2	04/14/26 18:21
1,2-Dichlorobenzene	50.0	U	ND		43.5	ug/L		87	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		46.2	ug/L		92	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		42.6	ug/L		85	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		41.2	ug/L		82	(54%-123%)		
2-Butanone	250	U	ND		233	ug/L		93	(59%-136%)		
2-Hexanone	250	U	ND		251	ug/L		101	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		240	ug/L		96	(63%-135%)		
Acetone	250	J	2.81		202	ug/L		80	(50%-140%)		
Benzene	50.0	U	ND		43.7	ug/L		87	(64%-119%)		
Bromochloromethane	50.0	U	ND		48.0	ug/L		96	(63%-130%)		
Bromodichloromethane	50.0	U	ND		48.1	ug/L		96	(65%-125%)		
Bromoform	50.0	U	ND		42.1	ug/L		84	(49%-129%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Bromomethane	50.0	U	ND		56.5	ug/L		113	(55%-154%)	JA2	04/14/26 18:21
Carbon disulfide	250	U	ND		225	ug/L		90	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		45.7	ug/L		91	(60%-127%)		
Chlorobenzene	50.0	U	ND		41.9	ug/L		84	(61%-120%)		
Chloroethane	50.0	U	ND		46.3	ug/L		93	(60%-138%)		
Chloroform	50.0	U	ND		45.7	ug/L		91	(64%-122%)		
Chloromethane	50.0	U	ND		45.7	ug/L		91	(43%-161%)		
Cyclohexane	50.0	U	ND		47.1	ug/L		94	(51%-125%)		
Dibromochloromethane	50.0	U	ND		50.1	ug/L		100	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		46.6	ug/L		93	(37%-162%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L		85	(57%-122%)		
Isopropylbenzene	50.0	U	ND		46.5	ug/L		93	(53%-128%)		
Methyl acetate	250	U	ND		222	ug/L		89	(58%-145%)		
Methylcyclohexane	50.0	U	ND		45.0	ug/L		90	(58%-122%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Methylene chloride	50.0	BJ	1.04	B	43.6	ug/L		85	(61%-135%)	JA2	04/14/26 18:21
Styrene	50.0	U	ND		41.7	ug/L		83	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		41.8	ug/L		84	(53%-124%)		
Toluene	50.0	U	ND		41.4	ug/L		83	(60%-120%)		
Trichloroethylene	50.0	U	ND		45.6	ug/L		91	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		42.8	ug/L		86	(51%-134%)		
Vinyl chloride	50.0	U	ND		45.4	ug/L		91	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L		100	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		41.2	ug/L		82	(61%-123%)		
m,p-Xylenes	100	U	ND		91.3	ug/L		91	(58%-122%)		
o-Xylene	50.0	U	ND		48.2	ug/L		96	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		43.4	ug/L		87	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		48.3	ug/L		97	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		40.2	ug/L		80	(62%-127%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
**1,2-Dichloroethane-d4	50.0		51.3		52.6	ug/L		105	(71%-131%)	JA2	04/14/26 18:21
**Bromofluorobenzene	50.0		48.4		48.5	ug/L		97	(77%-123%)		
**Toluene-d8	50.0		48.2		47.4	ug/L		95	(77%-121%)		
QC1206435769 771102002 MS											
1,4-Dioxane	2500	U	ND		2490	ug/L		100	(50%-136%)		04/14/26 19:12
Trichlorotrifluoroethane	250	U	ND		249	ug/L		99	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		51.3		55.8	ug/L		112	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		53.3	ug/L		107	(77%-123%)		
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)		
QC1206435768 771102002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.9	ug/L	0	90	(0%-20%)		04/14/26 18:47
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.5	ug/L	1	81	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		43.8	ug/L	0	88	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		46.6	ug/L	0	93	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		52.9	ug/L	7	106	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
1,2,4-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)	JA2	04/14/26 18:47
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.5	ug/L	0	83	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		47.6	ug/L	1	95	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		42.8	ug/L	1	86	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		48.7	ug/L	0	97	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		46.9	ug/L	2	94	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		42.0	ug/L	1	84	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		40.5	ug/L	2	81	(0%-20%)		
2-Butanone	250	U	ND		237	ug/L	2	95	(0%-20%)		
2-Hexanone	250	U	ND		254	ug/L	1	101	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		244	ug/L	2	98	(0%-20%)		
Acetone	250	J	2.81		205	ug/L	1	81	(0%-20%)		
Benzene	50.0	U	ND		43.2	ug/L	1	86	(0%-20%)		
Bromochloromethane	50.0	U	ND		47.0	ug/L	2	94	(0%-20%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Bromodichloromethane	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)	JA2	04/14/26 18:47
Bromoform	50.0	U	ND		42.4	ug/L	1	85	(0%-20%)		
Bromomethane	50.0	U	ND		58.6	ug/L	4	117	(0%-20%)		
Carbon disulfide	250	U	ND		230	ug/L	2	92	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		46.4	ug/L	2	93	(0%-20%)		
Chlorobenzene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		
Chloroethane	50.0	U	ND		48.7	ug/L	5	97	(0%-20%)		
Chloroform	50.0	U	ND		45.5	ug/L	0	91	(0%-20%)		
Chloromethane	50.0	U	ND		50.6	ug/L	10	101	(0%-20%)		
Cyclohexane	50.0	U	ND		50.1	ug/L	6	100	(0%-20%)		
Dibromochloromethane	50.0	U	ND		49.4	ug/L	1	99	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		49.2	ug/L	5	98	(0%-20%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L	0	85	(0%-20%)		
Isopropylbenzene	50.0	U	ND		47.8	ug/L	3	96	(0%-20%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Methyl acetate	250	U	ND		226	ug/L	2	90	(0%-20%)	JA2	04/14/26 18:47
Methylcyclohexane	50.0	U	ND		46.6	ug/L	3	93	(0%-20%)		
Methylene chloride	50.0	BJ	1.04	B	43.3	ug/L	1	85	(0%-20%)		
Styrene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		41.9	ug/L	0	84	(0%-20%)		
Toluene	50.0	U	ND		41.9	ug/L	1	84	(0%-20%)		
Trichloroethylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		45.2	ug/L	5	90	(0%-20%)		
Vinyl chloride	50.0	U	ND		51.5	ug/L	13	103	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L	0	100	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		42.7	ug/L	4	85	(0%-20%)		
m,p-Xylenes	100	U	ND		90.0	ug/L	1	90	(0%-20%)		
o-Xylene	50.0	U	ND		47.3	ug/L	2	95	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		44.8	ug/L	3	90	(0%-20%)		

QC Summary

Workorder: **771268**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
trans-1,2-Dichloroethylene	50.0	U	ND		49.6	ug/L	3	99	(0%-20%)	JA2	04/14/26 18:47
trans-1,3-Dichloropropylene	50.0	U	ND		40.8	ug/L	2	82	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		51.3		53.0	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		50.7	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)		
QC1206435770 771102002 MSD											
1,4-Dioxane	2500	U	ND		2480	ug/L	1	99	(0%-20%)		04/14/26 19:38
Trichlorotrifluoroethane	250	U	ND		226	ug/L	10	90	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		51.3		54.2	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		52.1	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		48.2		48.9	ug/L		98	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
E	E	Concentration of the target analyte exceeds the instrument calibration range
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
E	E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria
B	B	The target analyte was detected in the associated blank.

QC Summary

Workorder: **771268**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number: _____
Project #: RVDE00425C GECP26-0217
GEL Quote #: ~~Client pickup by Noon~~
GEL Project Manager: Julie Robinson

GEL | Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 771268

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: ~~Groundwater and Surface Water Sampling~~ Liberty Steel VCC
Address: ~~2040 Savage Road, Charleston, SC 29407~~ Front Georgetown, SC
Collected By: Heath Lowry
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: _____
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

Sample ID Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	Should this sample be considered: (7) Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL PCBs	Cyanide	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved)	Hexavalent Chromium (Dissolved)	Trip Blank	TCL Pesticides	< (6) Preservative Type	Comments Note: extra sample is required for sample specific QC
											HA	Ø	NI	Ø	NI	Ø				
LS-TW-07	4-7-26	0830	*N	G	GW			9			3	2	1	1	1	1				
LS-TW-12	↓	0919	|	|	|			9			3	2	1	1	1	1				* Total TAL Metals and Hg (Dissolved) & Hexavalent chromium (Dissolved) are both field filtered
LS-TW-11		0954	|	|	|			9			3	2	1	1	1	1				
LS-TW-15		1040	↓	↓	↓			9			3	2	1	1	1	1				

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Heath Lowry	4/7/26	1435	[illegible]	4-7-26	1435
2	[illegible]	4-7-26	1630	Isabelle Raff	4/7/26	1638
3						

Select Deliverable: [ ] Results and QC Summary [ ] Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246869
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No *Cooler Temp: 2 °C*

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive *** If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.***

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)

Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)

TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 771268	GEL PM: JR
Received By: MF	Date Received at GEL: 4-7-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services (Courier) Client Other:

IR Temp gun # IR4-25 Daily Calibration Performed (Y)N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).
	3				
	2				
	2				
	5				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): ___ CPM/mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?			✓	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials JS Date 4/8/26

Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771268

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2977529

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771268001	LS-TW-07
771268003	LS-TW-12
771268005	LS-TW-11
771268007	LS-TW-15
1206435764	Laboratory Control Sample (LCS) **Batch 2977529**
1206435765	Laboratory Control Sample (LCS)
1206435766	Method Blank (MB)
1206435767	771102002(LS-TW-09) Matrix Spike (MS)
1206435768	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)
1206435769	771102002(LS-TW-09) Matrix Spike (MS)
1206435770	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206435766 (MB)	Methylene chloride	1.46 ug/L between (0.5 - 5)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2974972

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2974962

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771268001	LS-TW-07
771268003	LS-TW-12
771268005	LS-TW-11
1206431266	Method Blank (MB) **Batch 2974972**
1206431267	Laboratory Control Sample (LCS)
1206431268	771374001(NonSDG) Matrix Spike (MS)
1206431269	771374001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted and displayed similar surrogate failures. The failures were attributed to matrix interference. The original extraction results have been reported.

Sample	Analyte	Value
771268001 (LS-TW-07)	Phenol-d5	10* (15%-85%)

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration in order to properly identify one or more peaks and/or to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
771268001 (LS-TW-07)	2, 4-Dimethylphenol	Result 8.32ug/L

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine

decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2977020

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2977016

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771268007	LS-TW-15
1206434904	Method Blank (MB) **Batch 2977020**
1206434905	Laboratory Control Sample (LCS)
1206434906	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206434905 (LCS)	1, 1'-Biphenyl	42* (45%-114%)
	1, 2, 4, 5-Tetrachlorobenzene	37* (39%-107%)
	4-Nitrophenol	0* (25%-69%)
	Hexachlorocyclopentadiene	14* (31%-64%)
1206434906 (LCSD)	2, 4-Dimethylphenol	29* (31%-68%)
	4-Nitrophenol	0* (25%-69%)
	Hexachlorocyclopentadiene	15* (31%-64%)

Miscellaneous Information

Manual Integrations
Samples (See Below) required manual integration in order to properly identify one or more peaks and/or to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206434905 (LCS)	4-Nitrophenol	Result 17.9ug/L
1206434906 (LCSD)	4-Nitrophenol	Result 14.3ug/L

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2974011

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2974010

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771268001	LS-TW-07
771268002	LS-TW-07 Field Filtered
771268003	LS-TW-12
771268004	LS-TW-12 Field Filtered
771268005	LS-TW-11
771268006	LS-TW-11 Field Filtered
771268007	LS-TW-15
771268008	LS-TW-15
1206429454	Method Blank (MB)**ICP Batch 2974011**
1206429455	Laboratory Control Sample (LCS)
1206429459	771268001(LS-TW-07L) Serial Dilution (SD)
1206429456	771268001(LS-TW-07S) Matrix Spike (MS)
1206429457	771268001(LS-TW-07SD) Matrix Spike Duplicate (MSD)
1206429458	771268001(LS-TW-07PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206429456 (LS-TW-07MS)	Aluminum	312* (75%-125%)
	Iron	159* (75%-125%)
1206429457 (LS-TW-07MSD)	Aluminum	298* (75%-125%)
	Iron	146* (75%-125%)

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all the applicable analytes were within the established acceptance criteria. Matrix suppression may be suspected. The data has been qualified.

Sample	Analyte	Value
1206429459 (LS-TW-07SDILT)	Aluminum	25.9 *(0%-20%)
	Barium	22.4 *(0%-20%)
	Calcium	26 *(0%-20%)
	Iron	26.2 *(0%-20%)
	Manganese	25.9 *(0%-20%)
	Potassium	22.6 *(0%-20%)
	Sodium	25.5 *(0%-20%)

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2974138

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2974137

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771268001	LS-TW-07
771268002	LS-TW-07 Field Filtered
771268003	LS-TW-12
771268004	LS-TW-12 Field Filtered
771268005	LS-TW-11
771268006	LS-TW-11 Field Filtered
771268007	LS-TW-15
771268008	LS-TW-15
1206429738	Method Blank (MB)**CVAA Batch 2974138**
1206429739	Laboratory Control Sample (LCS)
1206429740	771145001(NonSDGD) Sample Duplicate (DUP)
1206429741	771145001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2974009

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771268001	LS-TW-07
771268002	LS-TW-07 Field Filtered
771268003	LS-TW-12
771268004	LS-TW-12 Field Filtered
771268005	LS-TW-11
771268006	LS-TW-11 Field Filtered
771268007	LS-TW-15
771268008	LS-TW-15
1206429448	Method Blank (MB) **Batch 2974009**
1206429449	Laboratory Control Sample (LCS)
1206429450	771268001(LS-TW-07) Sample Duplicate (DUP)
1206429451	771268001(LS-TW-07) Matrix Spike (MS)
1206429452	771271003(LS-MW-24 Field Filtered) Sample Duplicate (DUP)
1206429453	771271003(LS-MW-24 Field Filtered) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the

following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206429451 (LS-TW-07MS)	30.6* (85%-115%)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771270

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 07, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771270 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771270 GEL Work Order: 771270

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
E Concentration of the target analyte exceeds the instrument calibration range
J Value is estimated
N/A RPD or %Recovery limits do not apply.
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-14
Sample ID: 771270001
Matrix: Ground Water
Collect Date: 07-APR-26 12:17
Receive Date: 07-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1259	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/13/26	1822	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		47.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		79300	50.0	200	ug/L	1.00	1					
Chromium	J	1.17	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		2930	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		21400	110	300	ug/L	1.00	1					
Manganese		521	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		7520	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		23900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	6.12	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.23	10.8	ug/L	0.00108	1	LL2	04/10/26	1910	2974972	3
1,2,4,5-Tetrachlorobenzene	U	ND	3.23	10.8	ug/L	0.00108	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4,5-Trichlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4,6-Trichlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4-Dichlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4-Dimethylphenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4-Dinitrophenol	U	ND	5.39	21.6	ug/L	0.00108	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-14 Project: RVDE00226C
Sample ID: 771270001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.23	10.8	ug/L	0.00108	1					
2,6-Dinitrotoluene	U	ND	3.23	10.8	ug/L	0.00108	1					
2-Chloronaphthalene	U	ND	0.442	1.08	ug/L	0.00108	1					
2-Chlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2-Methylnaphthalene	U	ND	0.323	1.08	ug/L	0.00108	1					
2-Nitrophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
3,3'-Dichlorobenzidine	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Bromophenylphenylether	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Chloro-3-methylphenol	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Chloroaniline	U	ND	3.56	10.8	ug/L	0.00108	1					
4-Chlorophenylphenylether	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Nitrophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
Acenaphthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Acenaphthylene	U	ND	0.323	1.08	ug/L	0.00108	1					
Acetophenone	U	ND	3.23	10.8	ug/L	0.00108	1					
Anthracene	U	ND	0.323	1.08	ug/L	0.00108	1					
Atrazine	U	ND	3.23	10.8	ug/L	0.00108	1					
Benzaldehyde	U	ND	3.23	10.8	ug/L	0.00108	1					
Benzo(a)anthracene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(a)pyrene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(b)fluoranthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(ghi)perylene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(k)fluoranthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Butylbenzylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Carbazole	U	ND	0.323	1.08	ug/L	0.00108	1					
Chrysene	U	ND	0.323	1.08	ug/L	0.00108	1					
Di-n-butylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Di-n-octylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Dibenzo(a,h)anthracene	U	ND	0.323	1.08	ug/L	0.00108	1					
Dibenzofuran	U	ND	3.23	10.8	ug/L	0.00108	1					
Diethylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Dimethylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Diphenylamine	U	ND	3.23	10.8	ug/L	0.00108	1					
Fluoranthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Fluorene	U	ND	0.323	1.08	ug/L	0.00108	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-14 Project: RVDE00226C
Sample ID: 771270001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.23	10.8	ug/L	0.00108	1					
Hexachlorobutadiene	U	ND	3.23	10.8	ug/L	0.00108	1					
Hexachlorocyclopentadiene	U	ND	3.23	10.8	ug/L	0.00108	1					
Hexachloroethane	U	ND	3.23	10.8	ug/L	0.00108	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.323	1.08	ug/L	0.00108	1					
Isophorone	U	ND	3.77	10.8	ug/L	0.00108	1					
N-Nitrosodipropylamine	U	ND	3.23	10.8	ug/L	0.00108	1					
Naphthalene	U	ND	0.323	1.08	ug/L	0.00108	1					
Nitrobenzene	U	ND	3.23	10.8	ug/L	0.00108	1					
Pentachlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
Phenanthrene	U	ND	0.323	1.08	ug/L	0.00108	1					
Phenol	U	ND	3.23	10.8	ug/L	0.00108	1					
Pyrene	U	ND	0.323	1.08	ug/L	0.00108	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.23	10.8	ug/L	0.00108	1					
bis(2-Chloroethoxy)methane	U	ND	3.23	10.8	ug/L	0.00108	1					
bis(2-Chloroethyl) ether	U	ND	3.23	10.8	ug/L	0.00108	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
m,p-Cresols	U	ND	3.99	10.8	ug/L	0.00108	1					
m-Nitroaniline	U	ND	3.23	10.8	ug/L	0.00108	1					
o-Cresol	U	ND	3.23	10.8	ug/L	0.00108	1					
o-Nitroaniline	U	ND	3.23	10.8	ug/L	0.00108	1					
p-Nitroaniline	U	ND	3.23	10.8	ug/L	0.00108	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1918	2974009	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1613	2977529	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-14 Project: RVDE00226C
Sample ID: 771270001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.02	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	J	0.720	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-14 Project: RVDE00226C
Sample ID: 771270001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		1.06	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/14/26	1124	2977016
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	65.1 ug/L	108	60	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.5 ug/L	108	14*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	22.6 ug/L	108	21	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	26.9 ug/L	53.9	50	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.5 ug/L	53.9	51	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	13.5 ug/L	53.9	25	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.9 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.8 ug/L	50.0	104	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-14	Project:	RVDE00226C
Sample ID:	771270001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-14 Field Filtered	Project:	RVDE00226C
Sample ID:	771270002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 12:17		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1304	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/13/26	1825	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		48.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		80900	50.0	200	ug/L	1.00	1					
Chromium	J	1.19	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		2600	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		21400	110	300	ug/L	1.00	1					
Manganese		510	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		7570	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		24200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	5.93	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1919	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-14 Field Filtered	Project:	RVDE00226C
Sample ID:	771270002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-05
Sample ID: 771270003
Matrix: Ground Water
Collect Date: 07-APR-26 14:25
Receive Date: 07-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1306	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	73.5	68.0	200	ug/L	1.00	1	EM2	04/13/26	1827	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		41.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		38200	50.0	200	ug/L	1.00	1					
Chromium	J	1.94	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		8770	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7280	110	300	ug/L	1.00	1					
Manganese		121	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		7780	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		19200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	5.98	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.30	11.0	ug/L	0.00110	1	LL2	04/10/26	1931	2974972	3
1,2,4,5-Tetrachlorobenzene	U	ND	3.30	11.0	ug/L	0.00110	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
2,4,5-Trichlorophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
2,4,6-Trichlorophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
2,4-Dichlorophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
2,4-Dimethylphenol	U	ND	3.30	11.0	ug/L	0.00110	1					
2,4-Dinitrophenol	U	ND	5.50	22.0	ug/L	0.00110	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-05 Project: RVDE00226C
Sample ID: 771270003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.30	11.0	ug/L	0.00110	1					
2,6-Dinitrotoluene	U	ND	3.30	11.0	ug/L	0.00110	1					
2-Chloronaphthalene	U	ND	0.451	1.10	ug/L	0.00110	1					
2-Chlorophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
2-Methylnaphthalene	U	ND	0.330	1.10	ug/L	0.00110	1					
2-Nitrophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
3,3'-Dichlorobenzidine	U	ND	3.30	11.0	ug/L	0.00110	1					
4-Bromophenylphenylether	U	ND	3.30	11.0	ug/L	0.00110	1					
4-Chloro-3-methylphenol	U	ND	3.30	11.0	ug/L	0.00110	1					
4-Chloroaniline	U	ND	3.63	11.0	ug/L	0.00110	1					
4-Chlorophenylphenylether	U	ND	3.30	11.0	ug/L	0.00110	1					
4-Nitrophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
Acenaphthene	U	ND	0.330	1.10	ug/L	0.00110	1					
Acenaphthylene	U	ND	0.330	1.10	ug/L	0.00110	1					
Acetophenone	U	ND	3.30	11.0	ug/L	0.00110	1					
Anthracene	U	ND	0.330	1.10	ug/L	0.00110	1					
Atrazine	U	ND	3.30	11.0	ug/L	0.00110	1					
Benzaldehyde	U	ND	3.30	11.0	ug/L	0.00110	1					
Benzo(a)anthracene	U	ND	0.330	1.10	ug/L	0.00110	1					
Benzo(a)pyrene	U	ND	0.330	1.10	ug/L	0.00110	1					
Benzo(b)fluoranthene	U	ND	0.330	1.10	ug/L	0.00110	1					
Benzo(ghi)perylene	U	ND	0.330	1.10	ug/L	0.00110	1					
Benzo(k)fluoranthene	U	ND	0.330	1.10	ug/L	0.00110	1					
Butylbenzylphthalate	U	ND	0.330	1.10	ug/L	0.00110	1					
Carbazole	U	ND	0.330	1.10	ug/L	0.00110	1					
Chrysene	U	ND	0.330	1.10	ug/L	0.00110	1					
Di-n-butylphthalate	U	ND	0.330	1.10	ug/L	0.00110	1					
Di-n-octylphthalate	U	ND	0.330	1.10	ug/L	0.00110	1					
Dibenzo(a,h)anthracene	U	ND	0.330	1.10	ug/L	0.00110	1					
Dibenzofuran	U	ND	3.30	11.0	ug/L	0.00110	1					
Diethylphthalate	U	ND	0.330	1.10	ug/L	0.00110	1					
Dimethylphthalate	U	ND	0.330	1.10	ug/L	0.00110	1					
Diphenylamine	U	ND	3.30	11.0	ug/L	0.00110	1					
Fluoranthene	U	ND	0.330	1.10	ug/L	0.00110	1					
Fluorene	U	ND	0.330	1.10	ug/L	0.00110	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-05 Project: RVDE00226C
Sample ID: 771270003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.30	11.0	ug/L	0.00110	1					
Hexachlorobutadiene	U	ND	3.30	11.0	ug/L	0.00110	1					
Hexachlorocyclopentadiene	U	ND	3.30	11.0	ug/L	0.00110	1					
Hexachloroethane	U	ND	3.30	11.0	ug/L	0.00110	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.330	1.10	ug/L	0.00110	1					
Isophorone	U	ND	3.85	11.0	ug/L	0.00110	1					
N-Nitrosodipropylamine	U	ND	3.30	11.0	ug/L	0.00110	1					
Naphthalene	U	ND	0.330	1.10	ug/L	0.00110	1					
Nitrobenzene	U	ND	3.30	11.0	ug/L	0.00110	1					
Pentachlorophenol	U	ND	3.30	11.0	ug/L	0.00110	1					
Phenanthrene	U	ND	0.330	1.10	ug/L	0.00110	1					
Phenol	U	ND	3.30	11.0	ug/L	0.00110	1					
Pyrene	U	ND	0.330	1.10	ug/L	0.00110	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.30	11.0	ug/L	0.00110	1					
bis(2-Chloroethoxy)methane	U	ND	3.30	11.0	ug/L	0.00110	1					
bis(2-Chloroethyl) ether	U	ND	3.30	11.0	ug/L	0.00110	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.330	1.10	ug/L	0.00110	1					
m,p-Cresols	U	ND	4.07	11.0	ug/L	0.00110	1					
m-Nitroaniline	U	ND	3.30	11.0	ug/L	0.00110	1					
o-Cresol	U	ND	3.30	11.0	ug/L	0.00110	1					
o-Nitroaniline	U	ND	3.30	11.0	ug/L	0.00110	1					
p-Nitroaniline	U	ND	3.30	11.0	ug/L	0.00110	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00414	0.00300	0.0100	mg/L		1	BR2	04/07/26	1920	2974009	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1639	2977529	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-05 Project: RVDE00226C
Sample ID: 771270003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.03	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-05 Project: RVDE00226C
Sample ID: 771270003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	68.3 ug/L	110	62	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.0 ug/L	110	16	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	24.6 ug/L	110	22	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	31.8 ug/L	55.0	58	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	32.2 ug/L	55.0	59	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	14.8 ug/L	55.0	27	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.0 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.0 ug/L	50.0	104	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	48.2 ug/L	50.0	96	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-05	Project:	RVDE00226C
Sample ID:	771270003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-05	Project:	RVDE00226C
Sample ID:	771270004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 14:25		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1307	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/13/26	1829	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	5.78	5.00	30.0	ug/L	1.00	1					
Barium		38.8	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		38700	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		7620	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7310	110	300	ug/L	1.00	1					
Manganese		114	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		7860	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		18600	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.78	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1920	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-05	Project:	RVDE00226C
Sample ID:	771270004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2974011											
QC1206429455 LCS											
Aluminum	5000			5160	ug/L		103	(80%-120%)	EM2	04/13/26	17:39
Antimony	500			515	ug/L		103	(80%-120%)			
Arsenic	500			525	ug/L		105	(80%-120%)			
Barium	500			519	ug/L		104	(80%-120%)			
Beryllium	500			514	ug/L		103	(80%-120%)			
Cadmium	500			513	ug/L		103	(80%-120%)			
Calcium	5000			5320	ug/L		106	(80%-120%)			
Chromium	500			523	ug/L		105	(80%-120%)			
Cobalt	500			519	ug/L		104	(80%-120%)			
Copper	500			518	ug/L		104	(80%-120%)			
Iron	5000			5310	ug/L		106	(80%-120%)			
Lead	500			500	ug/L		100	(80%-120%)			

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Magnesium	5000			5370	ug/L		107	(80%-120%)	EM2	04/13/26 17:39
Manganese	500			521	ug/L		104	(80%-120%)		
Nickel	500			524	ug/L		105	(80%-120%)		
Potassium	5000			5130	ug/L		103	(80%-120%)		
Selenium	500			505	ug/L		101	(80%-120%)		
Silver	100			101	ug/L		101	(80%-120%)		
Sodium	5000			5140	ug/L		103	(80%-120%)		
Thallium	500			528	ug/L		106	(80%-120%)		
Vanadium	500			524	ug/L		105	(80%-120%)		
Zinc	500			504	ug/L		101	(80%-120%)		
QC1206429454 MB										
Aluminum			U	ND	ug/L					04/13/26 17:35
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Beryllium			U	ND	ug/L				EM2	04/13/26 17:35
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Sodium				U	ND	ug/L				EM2	04/13/26 17:35
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206429456 771268001 MS											
Aluminum	5000		12000		27600	ug/L		312*	(75%-125%)		04/13/26 17:43
Antimony	500	J	5.42		500	ug/L		99	(75%-125%)		
Arsenic	500	J	12.3		551	ug/L		108	(75%-125%)		
Barium	500		174		701	ug/L		105	(75%-125%)		
Beryllium	500	J	1.05		513	ug/L		102	(75%-125%)		
Cadmium	500	U	ND		500	ug/L		99.8	(75%-125%)		
Calcium	5000		52000		61500	ug/L		N/A	(75%-125%)		
Chromium	500		24.3		532	ug/L		101	(75%-125%)		
Cobalt	500		5.20		513	ug/L		101	(75%-125%)		
Copper	500		54.5		578	ug/L		105	(75%-125%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Iron	5000		18000		25900	ug/L		159*	(75%-125%)	EM2	04/13/26 17:43
Lead	500		150		639	ug/L		97.8	(75%-125%)		
Magnesium	5000		4300		9970	ug/L		113	(75%-125%)		
Manganese	500		380		901	ug/L		104	(75%-125%)		
Nickel	500		8.30		509	ug/L		100	(75%-125%)		
Potassium	5000		20100		27300	ug/L		N/A	(75%-125%)		
Selenium	500	U	ND		499	ug/L		99.5	(75%-125%)		
Silver	100	U	ND		100	ug/L		100	(75%-125%)		
Sodium	5000		122000		137000	ug/L		N/A	(75%-125%)		
Thallium	500	U	ND		484	ug/L		96.8	(75%-125%)		
Vanadium	500		33.5		558	ug/L		105	(75%-125%)		
Zinc	500		359		878	ug/L		104	(75%-125%)		
QC1206429457 771268001 MSD											
Aluminum	5000		12000		26900	ug/L	2.42	298*	(0%-20%)		04/13/26 17:46
Antimony	500	J	5.42		493	ug/L	1.5	97.5	(0%-20%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Arsenic	500	J	12.3		541	ug/L	1.88	106	(0%-20%)	EM2	04/13/26 17:46
Barium	500		174		691	ug/L	1.49	103	(0%-20%)		
Beryllium	500	J	1.05		505	ug/L	1.52	101	(0%-20%)		
Cadmium	500	U	ND		489	ug/L	2.06	97.8	(0%-20%)		
Calcium	5000		52000		59900	ug/L	2.6	N/A	(0%-20%)		
Chromium	500		24.3		527	ug/L	0.91	100	(0%-20%)		
Cobalt	500		5.20		501	ug/L	2.28	99.2	(0%-20%)		
Copper	500		54.5		570	ug/L	1.47	103	(0%-20%)		
Iron	5000		18000		25200	ug/L	2.55	146*	(0%-20%)		
Lead	500		150		623	ug/L	2.61	94.5	(0%-20%)		
Magnesium	5000		4300		9730	ug/L	2.43	109	(0%-20%)		
Manganese	500		380		895	ug/L	0.6	103	(0%-20%)		
Nickel	500		8.30		503	ug/L	1.08	99	(0%-20%)		
Potassium	5000		20100		26500	ug/L	2.8	N/A	(0%-20%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2974011												
Selenium	500	U	ND		490	ug/L	1.92		97.6	(0%-20%)	EM2	04/13/26 17:46
Silver	100	U	ND		98.0	ug/L	2.12		98	(0%-20%)		
Sodium	5000		122000		133000	ug/L	2.57		N/A	(0%-20%)		
Thallium	500	U	ND		484	ug/L	0.065		96.8	(0%-20%)		
Vanadium	500		33.5		554	ug/L	0.569		104	(0%-20%)		
Zinc	500		359		868	ug/L	1.08		102	(0%-20%)		
QC1206429458 771268001 PS												
Aluminum	5000		12000		16300	ug/L			86.3	(75%-125%)		04/13/26 17:48
Iron	5000		18000		22200	ug/L			84.4	(75%-125%)		
QC1206429459 771268001 SDILT												
Aluminum			12000	E	3020	ug/L	25.9	*		(0%-20%)		04/13/26 17:51
Antimony		J	5.42	U	ND	ug/L	N/A			(0%-20%)		
Arsenic		J	12.3	U	ND	ug/L	N/A			(0%-20%)		
Barium			174	E	42.6	ug/L	22.4	*		(0%-20%)		
Beryllium		J	1.05	U	ND	ug/L	N/A			(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A			(0%-20%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Calcium		52000	E	13100	ug/L	26 *		(0%-20%)	EM2	04/13/26 17:51
Chromium		24.3	J	6.34	ug/L	30.5		(0%-20%)		
Cobalt		5.20	J	1.98	ug/L	90.2		(0%-20%)		
Copper		54.5	J	12.2	ug/L	11.9		(0%-20%)		
Iron		18000	E	4530	ug/L	26.2 *		(0%-20%)		
Lead		150		40.5	ug/L	34.8		(0%-20%)		
Magnesium		4300		1090	ug/L	26.3		(0%-20%)		
Manganese		380	E	95.7	ug/L	25.9 *		(0%-20%)		
Nickel		8.30	J	1.94	ug/L	17		(0%-20%)		
Potassium		20100	E	4940	ug/L	22.6 *		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		122000	E	30700	ug/L	25.5 *		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: 771270

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Vanadium			33.5		8.07	ug/L	20.3		(0%-20%)	EM2	04/13/26 17:51
Zinc			359		89.5	ug/L	24.8		(0%-20%)		
Metals Analysis-Mercury											
Batch 2974138											
QC1206429740 771145001 DUP											
Mercury		U	ND	U	ND	ug/L	N/A			PB1	04/09/26 12:36
QC1206429739 LCS											
Mercury	2.00				2.16	ug/L		108	(80%-120%)		04/09/26 12:32
QC1206429738 MB											
Mercury				U	ND	ug/L					04/09/26 12:31
QC1206429741 771145001 MS											
Mercury	2.00	U	ND		2.28	ug/L		114	(75%-125%)		04/09/26 12:37
Semi-Volatile-GC/MS											
Batch 2974972											
QC1206431267 LCS											
1,1'-Biphenyl	50.0				37.4	ug/L		75	(45%-114%)	LL2	04/10/26 17:21
1,2,4,5-Tetrachlorobenzene	50.0				35.7	ug/L		71	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0				43.0	ug/L		86	(41%-119%)		
2,4,5-Trichlorophenol	50.0				42.8	ug/L		86	(42%-122%)		
2,4,6-Trichlorophenol	50.0				44.0	ug/L		88	(40%-119%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
2,4-Dichlorophenol	50.0			39.2	ug/L		78	(36%-111%)	LL2	04/10/26 17:21
2,4-Dimethylphenol	50.0			21.5	ug/L		43	(31%-68%)		
2,4-Dinitrophenol	50.0			42.5	ug/L		85	(30%-120%)		
2,4-Dinitrotoluene	50.0			46.9	ug/L		94	(48%-128%)		
2,6-Dinitrotoluene	50.0			45.9	ug/L		92	(47%-124%)		
2-Chloronaphthalene	50.0			44.7	ug/L		89	(41%-113%)		
2-Chlorophenol	50.0			32.5	ug/L		65	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			41.9	ug/L		84	(32%-131%)		
2-Methylnaphthalene	50.0			44.7	ug/L		89	(42%-116%)		
2-Nitrophenol	50.0			39.1	ug/L		78	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			42.3	ug/L		85	(43%-116%)		
4-Bromophenylphenylether	50.0			45.7	ug/L		91	(49%-125%)		
4-Chloro-3-methylphenol	50.0			40.0	ug/L		80	(35%-113%)		
4-Chloroaniline	50.0			36.5	ug/L		73	(39%-112%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
4-Chlorophenylphenylether	50.0			49.5	ug/L		99	(48%-124%)	LL2	04/10/26 17:21
4-Nitrophenol	50.0			25.4	ug/L		51	(25%-69%)		
Acenaphthene	50.0			43.9	ug/L		88	(44%-118%)		
Acenaphthylene	50.0			39.9	ug/L		80	(42%-110%)		
Acetophenone	50.0			37.3	ug/L		75	(44%-114%)		
Anthracene	50.0			43.8	ug/L		88	(49%-121%)		
Atrazine	50.0			38.3	ug/L		77	(49%-147%)		
Benzaldehyde	50.0			30.7	ug/L		61	(27%-111%)		
Benzo(a)anthracene	50.0			43.5	ug/L		87	(46%-121%)		
Benzo(a)pyrene	50.0			42.0	ug/L		84	(41%-120%)		
Benzo(b)fluoranthene	50.0			50.2	ug/L		100	(45%-126%)		
Benzo(ghi)perylene	50.0			47.7	ug/L		95	(44%-129%)		
Benzo(k)fluoranthene	50.0			44.1	ug/L		88	(44%-126%)		
Butylbenzylphthalate	50.0			46.9	ug/L		94	(47%-135%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Carbazole	50.0			46.6	ug/L		93	(52%-127%)	LL2	04/10/26 17:21
Chrysene	50.0			45.4	ug/L		91	(46%-121%)		
Di-n-butylphthalate	50.0			47.0	ug/L		94	(51%-132%)		
Di-n-octylphthalate	50.0			44.1	ug/L		88	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			45.6	ug/L		91	(42%-123%)		
Dibenzofuran	50.0			45.5	ug/L		91	(48%-118%)		
Diethylphthalate	50.0			45.1	ug/L		90	(51%-131%)		
Dimethylphthalate	50.0			44.7	ug/L		89	(48%-129%)		
Diphenylamine	50.0			44.1	ug/L		88	(49%-122%)		
Fluoranthene	50.0			47.8	ug/L		96	(50%-126%)		
Fluorene	50.0			44.7	ug/L		89	(48%-122%)		
Hexachlorobenzene	50.0			45.4	ug/L		91	(46%-122%)		
Hexachlorobutadiene	50.0			38.8	ug/L		78	(32%-94%)		
Hexachlorocyclopentadiene	50.0			16.7	ug/L		33	(31%-64%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Hexachloroethane	50.0			34.0	ug/L		68	(31%-89%)	LL2	04/10/26 17:21
Indeno(1,2,3-cd)pyrene	50.0			46.7	ug/L		93	(40%-125%)		
Isophorone	50.0			35.7	ug/L		71	(39%-126%)		
N-Nitrosodipropylamine	50.0			40.3	ug/L		81	(44%-122%)		
Naphthalene	50.0			40.7	ug/L		81	(41%-107%)		
Nitrobenzene	50.0			40.2	ug/L		80	(42%-112%)		
Pentachlorophenol	50.0			49.5	ug/L		99	(36%-124%)		
Phenanthrene	50.0			45.9	ug/L		92	(48%-120%)		
Phenol	50.0			16.7	ug/L		33	(12%-90%)		
Pyrene	50.0			48.3	ug/L		97	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			38.7	ug/L		77	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			43.3	ug/L		87	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			37.8	ug/L		76	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			44.7	ug/L		89	(42%-132%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
m,p-Cresols	50.0			27.7	ug/L		55	(29%-82%)	LL2	04/10/26 17:21
m-Nitroaniline	50.0			41.6	ug/L		83	(44%-119%)		
o-Cresol	50.0			29.0	ug/L		58	(29%-86%)		
o-Nitroaniline	50.0			43.7	ug/L		87	(45%-128%)		
p-Nitroaniline	50.0			47.5	ug/L		95	(46%-130%)		
**2,4,6-Tribromophenol	100			85.0	ug/L		85	(28%-113%)		
**2-Fluorobiphenyl	50.0			39.9	ug/L		80	(32%-102%)		
**2-Fluorophenol	100			37.9	ug/L		38	(15%-72%)		
**Nitrobenzene-d5	50.0			37.0	ug/L		74	(31%-100%)		
**Phenol-d5	100			27.6	ug/L		28	(15%-85%)		
**p-Terphenyl-d14	50.0			38.9	ug/L		78	(20%-118%)		
QC1206431266 MB										
1,1'-Biphenyl			U	ND	ug/L					04/10/26 16:57
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
2,4,5-Trichlorophenol			U	ND	ug/L				LL2	04/10/26 16:57
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
4-Chloro-3-methylphenol			U	ND	ug/L				LL2	04/10/26 16:57
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Benzo(k)fluoranthene			U	ND	ug/L				LL2	04/10/26 16:57
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Hexachlorobutadiene			U	ND	ug/L				LL2	04/10/26 16:57
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
bis(2-Chloroethyl) ether			U	ND	ug/L				LL2	04/10/26 16:57
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			80.8	ug/L		81	(28%-113%)		
**2-Fluorobiphenyl	50.0			40.7	ug/L		81	(32%-102%)		
**2-Fluorophenol	100			33.5	ug/L		33	(15%-72%)		
**Nitrobenzene-d5	50.0			37.5	ug/L		75	(31%-100%)		
**Phenol-d5	100			22.8	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0			39.8	ug/L		80	(20%-118%)		
QC1206431268 771374001 MS										
1,1'-Biphenyl	100	U	ND	76.5	ug/L		76	(30%-119%)		04/10/26 21:21

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
1,2,4,5-Tetrachlorobenzene	100	U	ND		73.8	ug/L		74	(28%-109%)	LL2	04/10/26 21:21
2,3,4,6-Tetrachlorophenol	100	U	ND		93.5	ug/L		94	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		94.3	ug/L		94	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		97.5	ug/L		97	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		91.3	ug/L		91	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		51.2	ug/L		51	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		100	ug/L		100	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		99.3	ug/L		99	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		97.9	ug/L		98	(35%-126%)		
2-Chloronaphthalene	100	U	ND		91.0	ug/L		91	(31%-114%)		
2-Chlorophenol	100	U	ND		81.5	ug/L		81	(25%-106%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		95.7	ug/L		96	(25%-131%)		
2-Methylnaphthalene	100	U	ND		93.0	ug/L		93	(32%-117%)		
2-Nitrophenol	100	U	ND		88.8	ug/L		89	(28%-118%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
3,3'-Dichlorobenzidine	100	U	ND		73.4	ug/L		73	(24%-119%)	LL2	04/10/26 21:21
4-Bromophenylphenylether	100	U	ND		93.4	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	100	U	ND		93.1	ug/L		93	(32%-122%)		
4-Chloroaniline	100	U	ND		75.0	ug/L		75	(27%-117%)		
4-Chlorophenylphenylether	100	U	ND		99.7	ug/L		100	(35%-126%)		
4-Nitrophenol	100	U	ND		81.7	ug/L		82	(9%-95%)		
Acenaphthene	100	U	ND		90.2	ug/L		90	(33%-118%)		
Acenaphthylene	100	U	ND		81.4	ug/L		81	(30%-112%)		
Acetophenone	100	U	ND		78.8	ug/L		79	(31%-118%)		
Anthracene	100	U	ND		87.6	ug/L		88	(35%-122%)		
Atrazine	100	U	ND		73.4	ug/L		73	(26%-158%)		
Benzaldehyde	100	U	ND		62.2	ug/L		62	(16%-109%)		
Benzo(a)anthracene	100	U	ND		87.3	ug/L		87	(33%-122%)		
Benzo(a)pyrene	100	U	ND		87.4	ug/L		87	(30%-121%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Benzo(b)fluoranthene	100	U	ND		105	ug/L		105	(33%-128%)	LL2	04/10/26 21:21
Benzo(ghi)perylene	100	U	ND		93.8	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		93.8	ug/L		94	(32%-128%)		
Butylbenzylphthalate	100	U	ND		97.4	ug/L		97	(35%-136%)		
Carbazole	100	U	ND		95.3	ug/L		95	(39%-129%)		
Chrysene	100	U	ND		91.0	ug/L		91	(34%-122%)		
Di-n-butylphthalate	100	J	0.450		94.7	ug/L		94	(36%-133%)		
Di-n-octylphthalate	100	U	ND		94.9	ug/L		95	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		90.5	ug/L		91	(30%-124%)		
Dibenzofuran	100	U	ND		93.0	ug/L		93	(36%-120%)		
Diethylphthalate	100	U	ND		93.9	ug/L		94	(37%-133%)		
Dimethylphthalate	100	U	ND		93.4	ug/L		93	(36%-131%)		
Diphenylamine	100	U	ND		90.5	ug/L		91	(33%-124%)		
Fluoranthene	100	U	ND		93.6	ug/L		94	(36%-128%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Fluorene	100	U	ND		91.0	ug/L		91	(35%-124%)	LL2	04/10/26 21:21
Hexachlorobenzene	100	U	ND		92.0	ug/L		92	(34%-123%)		
Hexachlorobutadiene	100	U	ND		82.6	ug/L		83	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		36.8	ug/L		37	(18%-65%)		
Hexachloroethane	100	U	ND		73.7	ug/L		74	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		92.8	ug/L		93	(29%-127%)		
Isophorone	100	U	ND		75.4	ug/L		75	(27%-128%)		
N-Nitrosodipropylamine	100	U	ND		84.9	ug/L		85	(30%-128%)		
Naphthalene	100	U	ND		84.1	ug/L		84	(30%-109%)		
Nitrobenzene	100	U	ND		83.6	ug/L		84	(30%-117%)		
Pentachlorophenol	100	U	ND		109	ug/L		109	(30%-131%)		
Phenanthrene	100	U	ND		90.8	ug/L		91	(35%-122%)		
Phenol	100	U	ND		60.0	ug/L		60	(16%-74%)		
Pyrene	100	U	ND		94.4	ug/L		94	(36%-130%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
bis(2-Chloro-1-methylethyl)ether	100	U	ND		82.4	ug/L		82	(19%-144%)	LL2	04/10/26 21:21
bis(2-Chloroethoxy)methane	100	U	ND		89.5	ug/L		90	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		80.2	ug/L		80	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		96.1	ug/L		96	(29%-135%)		
m,p-Cresols	100	U	ND		80.0	ug/L		80	(21%-105%)		
m-Nitroaniline	100	U	ND		91.8	ug/L		92	(29%-127%)		
o-Cresol	100	U	ND		79.8	ug/L		80	(23%-104%)		
o-Nitroaniline	100	U	ND		95.4	ug/L		95	(32%-130%)		
p-Nitroaniline	100	U	ND		100	ug/L		100	(33%-134%)		
**2,4,6-Tribromophenol	200		82.2		196	ug/L		98	(28%-113%)		
**2-Fluorobiphenyl	100		34.1		81.9	ug/L		82	(32%-102%)		
**2-Fluorophenol	200		35.4		122	ug/L		61	(15%-72%)		
**Nitrobenzene-d5	100		32.4		80.0	ug/L		80	(31%-100%)		
**Phenol-d5	200		23.4		105	ug/L		53	(15%-85%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
**p-Terphenyl-d14	100		26.6		65.9	ug/L		66	(20%-118%)	LL2	04/10/26 21:21
QC1206431269 771374001 MSD											
1,1'-Biphenyl	100	U	ND		65.8	ug/L	15	66	(0%-30%)		04/10/26 21:46
1,2,4,5-Tetrachlorobenzene	100	U	ND		64.6	ug/L	13	65	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		77.5	ug/L	19	78	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		79.5	ug/L	17	80	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		80.6	ug/L	19	81	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		77.6	ug/L	16	78	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		45.2	ug/L	12	45	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		86.4	ug/L	15	86	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		86.5	ug/L	14	86	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		83.6	ug/L	16	84	(0%-30%)		
2-Chloronaphthalene	100	U	ND		84.9	ug/L	7	85	(0%-30%)		
2-Chlorophenol	100	U	ND		68.2	ug/L	18	68	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		79.6	ug/L	18	80	(0%-30%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
2-Methylnaphthalene	100	U	ND		82.5	ug/L	12	83	(0%-30%)	LL2	04/10/26 21:46
2-Nitrophenol	100	U	ND		76.0	ug/L	16	76	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		61.7	ug/L	17	62	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		79.3	ug/L	16	79	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		81.0	ug/L	14	81	(0%-30%)		
4-Chloroaniline	100	U	ND		63.2	ug/L	17	63	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		84.2	ug/L	17	84	(0%-30%)		
4-Nitrophenol	100	U	ND		68.2	ug/L	18	68	(0%-30%)		
Acenaphthene	100	U	ND		78.2	ug/L	14	78	(0%-30%)		
Acenaphthylene	100	U	ND		71.2	ug/L	13	71	(0%-30%)		
Acetophenone	100	U	ND		66.6	ug/L	17	67	(0%-30%)		
Anthracene	100	U	ND		75.5	ug/L	15	76	(0%-30%)		
Atrazine	100	U	ND		56.2	ug/L	27	56	(0%-30%)		
Benzaldehyde	100	U	ND		53.6	ug/L	15	54	(0%-30%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Benzo(a)anthracene	100	U	ND		74.3	ug/L	16	74	(0%-30%)	LL2	04/10/26 21:46
Benzo(a)pyrene	100	U	ND		72.1	ug/L	19	72	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		83.8	ug/L	22	84	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		83.1	ug/L	12	83	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		77.5	ug/L	19	77	(0%-30%)		
Butylbenzylphthalate	100	U	ND		79.7	ug/L	20	80	(0%-30%)		
Carbazole	100	U	ND		82.9	ug/L	14	83	(0%-30%)		
Chrysene	100	U	ND		77.2	ug/L	16	77	(0%-30%)		
Di-n-butylphthalate	100	J	0.450		80.4	ug/L	16	80	(0%-30%)		
Di-n-octylphthalate	100	U	ND		82.2	ug/L	14	82	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		80.9	ug/L	11	81	(0%-30%)		
Dibenzofuran	100	U	ND		81.8	ug/L	13	82	(0%-30%)		
Diethylphthalate	100	U	ND		82.5	ug/L	13	82	(0%-30%)		
Dimethylphthalate	100	U	ND		80.6	ug/L	15	81	(0%-30%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Diphenylamine	100	U	ND		77.1	ug/L	16	77	(0%-30%)	LL2	04/10/26 21:46
Fluoranthene	100	U	ND		81.3	ug/L	14	81	(0%-30%)		
Fluorene	100	U	ND		78.6	ug/L	15	79	(0%-30%)		
Hexachlorobenzene	100	U	ND		79.6	ug/L	14	80	(0%-30%)		
Hexachlorobutadiene	100	U	ND		73.5	ug/L	12	74	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		31.4	ug/L	16	31	(0%-30%)		
Hexachloroethane	100	U	ND		65.4	ug/L	12	65	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		82.1	ug/L	12	82	(0%-30%)		
Isophorone	100	U	ND		65.8	ug/L	14	66	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		72.3	ug/L	16	72	(0%-30%)		
Naphthalene	100	U	ND		75.1	ug/L	11	75	(0%-30%)		
Nitrobenzene	100	U	ND		74.6	ug/L	11	75	(0%-30%)		
Pentachlorophenol	100	U	ND		90.8	ug/L	19	91	(0%-30%)		
Phenanthrene	100	U	ND		78.1	ug/L	15	78	(0%-30%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Phenol	100	U	ND		49.3	ug/L	20	49	(0%-30%)	LL2	04/10/26 21:46
Pyrene	100	U	ND		81.7	ug/L	14	82	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		71.2	ug/L	14	71	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		79.1	ug/L	12	79	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		69.7	ug/L	14	70	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		79.9	ug/L	18	80	(0%-30%)		
m,p-Cresols	100	U	ND		67.5	ug/L	17	68	(0%-30%)		
m-Nitroaniline	100	U	ND		77.5	ug/L	17	77	(0%-30%)		
o-Cresol	100	U	ND		67.8	ug/L	16	68	(0%-30%)		
o-Nitroaniline	100	U	ND		83.5	ug/L	13	83	(0%-30%)		
p-Nitroaniline	100	U	ND		86.9	ug/L	14	87	(0%-30%)		
**2,4,6-Tribromophenol	200		82.2		158	ug/L		79	(28%-113%)		
**2-Fluorobiphenyl	100		34.1		70.3	ug/L		70	(32%-102%)		
**2-Fluorophenol	200		35.4		101	ug/L		50	(15%-72%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
**Nitrobenzene-d5	100		32.4		70.0	ug/L		70	(31%-100%)	LL2	04/10/26 21:46
**Phenol-d5	200		23.4		84.4	ug/L		42	(15%-85%)		
**p-Terphenyl-d14	100		26.6		58.9	ug/L		59	(20%-118%)		
Spectrometric Analysis											
Batch 2974009											
QC1206429450 771268001 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A			BR2	04/07/26 19:11
QC1206429452 771271003 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A				04/07/26 19:23
QC1206429449 LCS											
Hexavalent Chromium	0.0500				0.0498	mg/L		99.7	(85%-115%)		04/07/26 19:09
QC1206429448 MB											
Hexavalent Chromium				U	ND	mg/L					04/07/26 19:08
QC1206429451 771268001 MS											
Hexavalent Chromium	0.0500	U	ND		0.0153	mg/L		30.6*	(85%-115%)		04/07/26 19:11
QC1206429453 771271003 MS											
Hexavalent Chromium	0.0500	U	ND		0.0487	mg/L		95.9	(85%-115%)		04/07/26 19:23
Volatile-GC/MS											
Batch 2977529											
QC1206435764 LCS											
1,1,1-Trichloroethane	50.0				42.7	ug/L		85	(70%-130%)	JA2	04/14/26 08:59
1,1,2,2-Tetrachloroethane	50.0				38.4	ug/L		77	(70%-130%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
1,1,2-Trichloroethane	50.0			41.0	ug/L		82	(70%-130%)	JA2	04/14/26 08:59
1,1-Dichloroethane	50.0			44.2	ug/L		88	(70%-130%)		
1,1-Dichloroethylene	50.0			50.1	ug/L		100	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			46.7	ug/L		93	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			46.7	ug/L		93	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			39.2	ug/L		78	(70%-130%)		
1,2-Dibromoethane	50.0			45.2	ug/L		90	(70%-130%)		
1,2-Dichlorobenzene	50.0			41.7	ug/L		83	(70%-130%)		
1,2-Dichloroethane	50.0			45.7	ug/L		91	(70%-130%)		
1,2-Dichloropropane	50.0			43.6	ug/L		87	(70%-130%)		
1,3-Dichlorobenzene	50.0			41.0	ug/L		82	(70%-130%)		
1,4-Dichlorobenzene	50.0			39.5	ug/L		79	(70%-130%)		
2-Butanone	250			218	ug/L		87	(70%-130%)		
2-Hexanone	250			230	ug/L		92	(70%-130%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
4-Methyl-2-pentanone	250			229	ug/L		91	(70%-130%)	JA2	04/14/26 08:59
Acetone	250			191	ug/L		77	(70%-130%)		
Benzene	50.0			40.9	ug/L		82	(70%-130%)		
Bromochloromethane	50.0			44.7	ug/L		89	(70%-130%)		
Bromodichloromethane	50.0			46.5	ug/L		93	(70%-130%)		
Bromoform	50.0			41.3	ug/L		83	(70%-130%)		
Bromomethane	50.0			55.7	ug/L		111	(70%-130%)		
Carbon disulfide	250			215	ug/L		86	(70%-130%)		
Carbon tetrachloride	50.0			43.8	ug/L		88	(70%-130%)		
Chlorobenzene	50.0			38.9	ug/L		78	(70%-130%)		
Chloroethane	50.0			49.2	ug/L		98	(70%-130%)		
Chloroform	50.0			43.5	ug/L		87	(70%-130%)		
Chloromethane	50.0			49.8	ug/L		100	(70%-130%)		
Cyclohexane	50.0			47.5	ug/L		95	(70%-130%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Dibromochloromethane	50.0			46.7	ug/L		93	(70%-130%)	JA2	04/14/26 08:59
Dichlorodifluoromethane	50.0			49.7	ug/L		99	(70%-130%)		
Ethylbenzene	50.0			40.4	ug/L		81	(70%-130%)		
Isopropylbenzene	50.0			45.8	ug/L		92	(70%-130%)		
Methyl acetate	250			217	ug/L		87	(70%-130%)		
Methylcyclohexane	50.0			44.8	ug/L		90	(70%-130%)		
Methylene chloride	50.0		B	41.6	ug/L		83	(70%-130%)		
Styrene	50.0			38.7	ug/L		77	(70%-130%)		
Tetrachloroethylene	50.0			40.4	ug/L		81	(70%-130%)		
Toluene	50.0			39.1	ug/L		78	(70%-130%)		
Trichloroethylene	50.0			44.9	ug/L		90	(70%-130%)		
Trichlorofluoromethane	50.0			46.2	ug/L		92	(70%-130%)		
Vinyl chloride	50.0			52.2	ug/L		104	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			47.4	ug/L		95	(70%-130%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
cis-1,3-Dichloropropylene	50.0			40.4	ug/L		81	(70%-130%)	JA2	04/14/26 08:59
m,p-Xylenes	100			86.3	ug/L		86	(70%-130%)		
o-Xylene	50.0			45.2	ug/L		90	(70%-130%)		
tert-Butyl methyl ether	50.0			43.3	ug/L		87	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			47.2	ug/L		94	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			38.9	ug/L		78	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			53.5	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0			51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0			48.2	ug/L		96	(77%-121%)		
QC1206435765 LCS										
1,4-Dioxane	2500			2370	ug/L		95	(70%-130%)		04/14/26 09:50
Trichlorotrifluoroethane	250			238	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			55.7	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0			53.3	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			49.2	ug/L		98	(77%-121%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
QC1206435766 MB										
1,1,1-Trichloroethane			U	ND	ug/L				JA2	04/14/26 11:07
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
1,4-Dioxane			U	ND	ug/L				JA2	04/14/26 11:07
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Chloroform			U	ND	ug/L				JA2	04/14/26 11:07
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			J	1.46	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Trichlorofluoromethane			U	ND	ug/L				JA2	04/14/26 11:07
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			51.6	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0			49.0	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			48.1	ug/L		96	(77%-121%)		
QC1206435767 771102002 MS										
1,1,1-Trichloroethane	50.0	U	ND	45.1	ug/L		90	(60%-123%)		04/14/26 18:21

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.8	ug/L		82	(58%-125%)	JA2	04/14/26 18:21
1,1,2-Trichloroethane	50.0	U	ND		43.9	ug/L		88	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		46.5	ug/L		93	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		49.4	ug/L		99	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.3	ug/L		83	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		48.4	ug/L		97	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		43.5	ug/L		87	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		46.2	ug/L		92	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		42.6	ug/L		85	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		41.2	ug/L		82	(54%-123%)		
2-Butanone	250	U	ND		233	ug/L		93	(59%-136%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
2-Hexanone	250	U	ND		251	ug/L		101	(58%-145%)	JA2	04/14/26 18:21
4-Methyl-2-pentanone	250	U	ND		240	ug/L		96	(63%-135%)		
Acetone	250	J	2.81		202	ug/L		80	(50%-140%)		
Benzene	50.0	U	ND		43.7	ug/L		87	(64%-119%)		
Bromochloromethane	50.0	U	ND		48.0	ug/L		96	(63%-130%)		
Bromodichloromethane	50.0	U	ND		48.1	ug/L		96	(65%-125%)		
Bromoform	50.0	U	ND		42.1	ug/L		84	(49%-129%)		
Bromomethane	50.0	U	ND		56.5	ug/L		113	(55%-154%)		
Carbon disulfide	250	U	ND		225	ug/L		90	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		45.7	ug/L		91	(60%-127%)		
Chlorobenzene	50.0	U	ND		41.9	ug/L		84	(61%-120%)		
Chloroethane	50.0	U	ND		46.3	ug/L		93	(60%-138%)		
Chloroform	50.0	U	ND		45.7	ug/L		91	(64%-122%)		
Chloromethane	50.0	U	ND		45.7	ug/L		91	(43%-161%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Cyclohexane	50.0	U	ND		47.1	ug/L		94	(51%-125%)	JA2	04/14/26 18:21
Dibromochloromethane	50.0	U	ND		50.1	ug/L		100	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		46.6	ug/L		93	(37%-162%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L		85	(57%-122%)		
Isopropylbenzene	50.0	U	ND		46.5	ug/L		93	(53%-128%)		
Methyl acetate	250	U	ND		222	ug/L		89	(58%-145%)		
Methylcyclohexane	50.0	U	ND		45.0	ug/L		90	(58%-122%)		
Methylene chloride	50.0	BJ	1.04	B	43.6	ug/L		85	(61%-135%)		
Styrene	50.0	U	ND		41.7	ug/L		83	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		41.8	ug/L		84	(53%-124%)		
Toluene	50.0	U	ND		41.4	ug/L		83	(60%-120%)		
Trichloroethylene	50.0	U	ND		45.6	ug/L		91	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		42.8	ug/L		86	(51%-134%)		
Vinyl chloride	50.0	U	ND		45.4	ug/L		91	(42%-155%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L		100	(65%-124%)	JA2	04/14/26 18:21
cis-1,3-Dichloropropylene	50.0	U	ND		41.2	ug/L		82	(61%-123%)		
m,p-Xylenes	100	U	ND		91.3	ug/L		91	(58%-122%)		
o-Xylene	50.0	U	ND		48.2	ug/L		96	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		43.4	ug/L		87	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		48.3	ug/L		97	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		40.2	ug/L		80	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		51.3		52.6	ug/L		105	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		48.5	ug/L		97	(77%-123%)		
**Toluene-d8	50.0		48.2		47.4	ug/L		95	(77%-121%)		
QC1206435769 771102002 MS											
1,4-Dioxane	2500	U	ND		2490	ug/L		100	(50%-136%)		04/14/26 19:12
Trichlorotrifluoroethane	250	U	ND		249	ug/L		99	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		51.3		55.8	ug/L		112	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		53.3	ug/L		107	(77%-123%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)	JA2	04/14/26 19:12
QC1206435768 771102002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.9	ug/L	0	90	(0%-20%)		04/14/26 18:47
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.5	ug/L	1	81	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		43.8	ug/L	0	88	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		46.6	ug/L	0	93	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		52.9	ug/L	7	106	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.5	ug/L	0	83	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		47.6	ug/L	1	95	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		42.8	ug/L	1	86	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		48.7	ug/L	0	97	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		46.9	ug/L	2	94	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		42.0	ug/L	1	84	(0%-20%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
1,4-Dichlorobenzene	50.0	U	ND		40.5	ug/L	2	81	(0%-20%)	JA2	04/14/26 18:47
2-Butanone	250	U	ND		237	ug/L	2	95	(0%-20%)		
2-Hexanone	250	U	ND		254	ug/L	1	101	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		244	ug/L	2	98	(0%-20%)		
Acetone	250	J	2.81		205	ug/L	1	81	(0%-20%)		
Benzene	50.0	U	ND		43.2	ug/L	1	86	(0%-20%)		
Bromochloromethane	50.0	U	ND		47.0	ug/L	2	94	(0%-20%)		
Bromodichloromethane	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		
Bromoform	50.0	U	ND		42.4	ug/L	1	85	(0%-20%)		
Bromomethane	50.0	U	ND		58.6	ug/L	4	117	(0%-20%)		
Carbon disulfide	250	U	ND		230	ug/L	2	92	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		46.4	ug/L	2	93	(0%-20%)		
Chlorobenzene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		
Chloroethane	50.0	U	ND		48.7	ug/L	5	97	(0%-20%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Chloroform	50.0	U	ND		45.5	ug/L	0	91	(0%-20%)	JA2	04/14/26 18:47
Chloromethane	50.0	U	ND		50.6	ug/L	10	101	(0%-20%)		
Cyclohexane	50.0	U	ND		50.1	ug/L	6	100	(0%-20%)		
Dibromochloromethane	50.0	U	ND		49.4	ug/L	1	99	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		49.2	ug/L	5	98	(0%-20%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L	0	85	(0%-20%)		
Isopropylbenzene	50.0	U	ND		47.8	ug/L	3	96	(0%-20%)		
Methyl acetate	250	U	ND		226	ug/L	2	90	(0%-20%)		
Methylcyclohexane	50.0	U	ND		46.6	ug/L	3	93	(0%-20%)		
Methylene chloride	50.0	BJ	1.04	B	43.3	ug/L	1	85	(0%-20%)		
Styrene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		41.9	ug/L	0	84	(0%-20%)		
Toluene	50.0	U	ND		41.9	ug/L	1	84	(0%-20%)		
Trichloroethylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)		

QC Summary

Workorder: **771270**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Trichlorofluoromethane	50.0	U	ND		45.2	ug/L	5	90	(0%-20%)	JA2	04/14/26 18:47
Vinyl chloride	50.0	U	ND		51.5	ug/L	13	103	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L	0	100	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		42.7	ug/L	4	85	(0%-20%)		
m,p-Xylenes	100	U	ND		90.0	ug/L	1	90	(0%-20%)		
o-Xylene	50.0	U	ND		47.3	ug/L	2	95	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		44.8	ug/L	3	90	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		49.6	ug/L	3	99	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		40.8	ug/L	2	82	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		51.3		53.0	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		50.7	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)		
QC1206435770 771102002 MSD											
1,4-Dioxane	2500	U	ND		2480	ug/L	1	99	(0%-20%)		04/14/26 19:38
Trichlorotrifluoroethane	250	U	ND		226	ug/L	10	90	(0%-20%)		

QC Summary

Workorder: **771270**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
**1,2-Dichloroethane-d4	50.0	51.3		54.2	ug/L		108	(71%-131%)	JA2	04/14/26 19:38
**Bromofluorobenzene	50.0	48.4		52.1	ug/L		104	(77%-123%)		
**Toluene-d8	50.0	48.2		48.9	ug/L		98	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
E	E	Concentration of the target analyte exceeds the instrument calibration range
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
E	E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria
B	B	The target analyte was detected in the associated blank.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number: _____
Project #: RVDE00425C
GEL Quote #: GELP26-0217
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 771270

GEL Client Name: Robert MacPhee
Phone Number: 864.676.2202
Project/Site Name: ~~Groundwater and Surface Water Sampling~~ Liberty Steel VCC
Address: ~~111 Smith Hines Road, Suite J, Greenville, SC 29607~~ Front St. Georgetown, SC
Collected By: Heath Lowry
Send Results To: robert.macphee@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

Sample ID (Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	Should this sample be considered: (7) Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Hexavalent Chromium (Dissolved)	Total TAL Metals and Hg (Dissolved)	TCL PCB	TCL Pesticide	Cyanide	1633 PFAS	< (6) Preservative Type
									HA	Ø	NI	Ø	Ø	NI					
LS-MW-14	4-7-26	1217	*N	N	GW			9	3	2	1	1	1	1					
LS-MW-05	↓	1425	↓	↓	↓			9	3	2	1	1	1	1					

Comments
Note: extra sample is required for sample specific QC

*Total TAL Metals & Hg (Dissolved) & Hexavalent chromium (Dissolved) are both field filtered

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time		Received by (signed)	Date	Time
1	Heath Lowry	4/7/26	1455	1		4-7-26	1435
2		4-7-26	1630	2	Isabelle Roff	4/7/26	1630
3				3			

Select Deliverable: [ ] Results and QC Summary [ ] Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 247153
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No *Cooler Temp:* 2 °C

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive *** If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.***

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)

Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)

TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE | SDG/AR/COC/Work Order: 771270 | GEL PM: JR

Received By: MF | Date Received at GEL: 4-7-26

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services (Courier) Client Other:

IR Temp gun #IR4-25 Daily Calibration Performed (Y)N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
———	3				
———	2				
———	2				
———	5				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?			✓	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials MF Date 4/8/26

Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771270

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2977529

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771270001	LS-MW-14
771270003	LS-MW-05
1206435764	Laboratory Control Sample (LCS) **Batch 2977529**
1206435765	Laboratory Control Sample (LCS)
1206435766	Method Blank (MB)
1206435767	771102002(LS-TW-09) Matrix Spike (MS)
1206435768	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)
1206435769	771102002(LS-TW-09) Matrix Spike (MS)
1206435770	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206435766 (MB)	Methylene chloride	1.46 ug/L between (0.5 - 5)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2974972

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2974962

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771270001	LS-MW-14
771270003	LS-MW-05
1206431266	Method Blank (MB) **Batch 2974972**
1206431267	Laboratory Control Sample (LCS)
1206431268	771374001(NonSDG) Matrix Spike (MS)
1206431269	771374001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted and displayed similar surrogate failures. The failures were attributed to matrix interference. The original extraction results have been reported.

Sample	Analyte	Value
771270001 (LS-MW-14)	Phenol-d5	14* (15%-85%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D

Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2974011

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2974010

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771270001	LS-MW-14
771270002	LS-MW-14 Field Filtered
771270003	LS-MW-05
771270004	LS-MW-05
1206429454	Method Blank (MB)**ICP Batch 2974011**
1206429455	Laboratory Control Sample (LCS)
1206429459	771268001(LS-TW-07L) Serial Dilution (SD)
1206429456	771268001(LS-TW-07S) Matrix Spike (MS)
1206429457	771268001(LS-TW-07SD) Matrix Spike Duplicate (MSD)
1206429458	771268001(LS-TW-07PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206429456 (LS-TW-07MS)	Aluminum	312* (75%-125%)
	Iron	159* (75%-125%)
1206429457 (LS-TW-07MSD)	Aluminum	298* (75%-125%)
	Iron	146* (75%-125%)

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all the applicable analytes were within the established acceptance criteria. Matrix suppression may be suspected. The data has been qualified.

Sample	Analyte	Value
1206429459 (LS-TW-07SDILT)	Aluminum	25.9 *(0%-20%)
	Barium	22.4 *(0%-20%)

	Calcium	26 *(0%-20%)
	Iron	26.2 *(0%-20%)
	Manganese	25.9 *(0%-20%)
	Potassium	22.6 *(0%-20%)
	Sodium	25.5 *(0%-20%)

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2974138

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2974137

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771270001	LS-MW-14
771270002	LS-MW-14 Field Filtered
771270003	LS-MW-05
771270004	LS-MW-05
1206429738	Method Blank (MB)**CVAA Batch 2974138**
1206429739	Laboratory Control Sample (LCS)
1206429740	771145001(NonSDGD) Sample Duplicate (DUP)
1206429741	771145001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2974009

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771270001	LS-MW-14
771270002	LS-MW-14 Field Filtered
771270003	LS-MW-05

771270004	LS-MW-05
1206429448	Method Blank (MB) **Batch 2974009**
1206429449	Laboratory Control Sample (LCS)
1206429450	771268001(LS-TW-07) Sample Duplicate (DUP)
1206429451	771268001(LS-TW-07) Matrix Spike (MS)
1206429452	771271003(LS-MW-24 Field Filtered) Sample Duplicate (DUP)
1206429453	771271003(LS-MW-24 Field Filtered) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206429451 (LS-TW-07MS)	30.6* (85%-115%)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771271

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 07, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771271 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771271 GEL Work Order: 771271

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
E Concentration of the target analyte exceeds the instrument calibration range
J Value is estimated
N/A RPD or %Recovery limits do not apply.
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040726
Sample ID: 771271001
Matrix: Water
Collect Date: 07-APR-26 08:00
Receive Date: 07-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1704	2977529	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040726 Project: RVDE00226C
Sample ID: 771271001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.06	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.3 ug/L	50.0	99	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.1 ug/L	50.0	104	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.6 ug/L	50.0	95	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-24	Project:	RVDE00226C
Sample ID:	771271002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 12:20		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	04/17/26	1223	2976224	1
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 6.75	2.25	6.75	ng/L	0.00893	1	JMB3	04/14/26	1533	2976456	2
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 6.86	2.29	6.86	ng/L	0.00893	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.70	2.23	6.70	ng/L	0.00893	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 6.79	2.26	6.79	ng/L	0.00893	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.15	2.38	7.15	ng/L	0.00893	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 17.9	5.95	17.9	ng/L	0.00893	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 17.9	5.95	17.9	ng/L	0.00893	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 35.7	11.9	35.7	ng/L	0.00893	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 35.7	11.9	35.7	ng/L	0.00893	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.15	2.38	7.15	ng/L	0.00893	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 6.75	2.25	6.75	ng/L	0.00893	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.68	2.23	6.68	ng/L	0.00893	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24 Project: RVDE00226C
Sample ID: 771271002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.57	1.19	3.57	ng/L	0.00893	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.18	1.06	3.18	ng/L	0.00893	1					
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.57	1.19	3.57	ng/L	0.00893	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.57	1.19	3.57	ng/L	0.00893	1					
Perfluorobutane sulfonic acid (PFBS)		6.46	0.528	1.58	ng/L	0.00893	1					
Perfluorobutanoic acid (PFBA)		13.4	2.38	7.15	ng/L	0.00893	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.72	0.575	1.72	ng/L	0.00893	1					
Perfluorodecanoic acid (PFDA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.73	0.578	1.73	ng/L	0.00893	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.70	0.567	1.70	ng/L	0.00893	1					
Perfluoroheptanoic acid (PFHpA)		2.49	0.595	1.79	ng/L	0.00893	1					
Perfluorohexane sulfonic acid (PFHxS)		7.91	0.544	1.63	ng/L	0.00893	1					
Perfluorohexanoic acid (PFHxA)		4.45	0.595	1.79	ng/L	0.00893	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.72	0.574	1.72	ng/L	0.00893	1					
Perfluorononanoic acid (PFNA)		1.89	0.595	1.79	ng/L	0.00893	1					
Perfluorooctane sulfonic acid (PFOS)		36.9	0.553	1.66	ng/L	0.00893	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
Perfluorooctanoic acid (PFOA)		13.4	0.595	1.79	ng/L	0.00893	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 1.68	0.560	1.68	ng/L	0.00893	1					
Perfluoropentanoic acid (PFPeA)		3.76	0.595	1.79	ng/L	0.00893	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.79	0.595	1.79	ng/L	0.00893	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24 Project: RVDE00226C
Sample ID: 771271002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1309	2974138	3
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		752	68.0	200	ug/L	1.00	1	EM2	04/13/26	1832	2974011	4
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	11.3	5.00	30.0	ug/L	1.00	1					
Barium		48.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		33900	50.0	200	ug/L	1.00	1					
Chromium	J	1.17	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		3130	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5660	110	300	ug/L	1.00	1					
Manganese		101	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9560	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		22000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	3.69	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.23	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.23	10.8	ug/L	0.00108	1	LL2	04/10/26	1953	2974972	5
1,2,4,5-Tetrachlorobenzene	U	ND	3.23	10.8	ug/L	0.00108	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4,5-Trichlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4,6-Trichlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4-Dichlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4-Dimethylphenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2,4-Dinitrophenol	U	ND	5.38	21.5	ug/L	0.00108	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24 Project: RVDE00226C
Sample ID: 771271002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.23	10.8	ug/L	0.00108	1					
2,6-Dinitrotoluene	U	ND	3.23	10.8	ug/L	0.00108	1					
2-Chloronaphthalene	U	ND	0.441	1.08	ug/L	0.00108	1					
2-Chlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
2-Methylnaphthalene	U	ND	0.323	1.08	ug/L	0.00108	1					
2-Nitrophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
3,3'-Dichlorobenzidine	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Bromophenylphenylether	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Chloro-3-methylphenol	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Chloroaniline	U	ND	3.55	10.8	ug/L	0.00108	1					
4-Chlorophenylphenylether	U	ND	3.23	10.8	ug/L	0.00108	1					
4-Nitrophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
Acenaphthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Acenaphthylene	U	ND	0.323	1.08	ug/L	0.00108	1					
Acetophenone	U	ND	3.23	10.8	ug/L	0.00108	1					
Anthracene	U	ND	0.323	1.08	ug/L	0.00108	1					
Atrazine	U	ND	3.23	10.8	ug/L	0.00108	1					
Benzaldehyde	U	ND	3.23	10.8	ug/L	0.00108	1					
Benzo(a)anthracene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(a)pyrene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(b)fluoranthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(ghi)perylene	U	ND	0.323	1.08	ug/L	0.00108	1					
Benzo(k)fluoranthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Butylbenzylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Carbazole	U	ND	0.323	1.08	ug/L	0.00108	1					
Chrysene	U	ND	0.323	1.08	ug/L	0.00108	1					
Di-n-butylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Di-n-octylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Dibenzo(a,h)anthracene	U	ND	0.323	1.08	ug/L	0.00108	1					
Dibenzofuran	U	ND	3.23	10.8	ug/L	0.00108	1					
Diethylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Dimethylphthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
Diphenylamine	U	ND	3.23	10.8	ug/L	0.00108	1					
Fluoranthene	U	ND	0.323	1.08	ug/L	0.00108	1					
Fluorene	U	ND	0.323	1.08	ug/L	0.00108	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24 Project: RVDE00226C
Sample ID: 771271002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.23	10.8	ug/L	0.00108	1					
Hexachlorobutadiene	U	ND	3.23	10.8	ug/L	0.00108	1					
Hexachlorocyclopentadiene	U	ND	3.23	10.8	ug/L	0.00108	1					
Hexachloroethane	U	ND	3.23	10.8	ug/L	0.00108	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.323	1.08	ug/L	0.00108	1					
Isophorone	U	ND	3.77	10.8	ug/L	0.00108	1					
N-Nitrosodipropylamine	U	ND	3.23	10.8	ug/L	0.00108	1					
Naphthalene	U	ND	0.323	1.08	ug/L	0.00108	1					
Nitrobenzene	U	ND	3.23	10.8	ug/L	0.00108	1					
Pentachlorophenol	U	ND	3.23	10.8	ug/L	0.00108	1					
Phenanthrene	U	ND	0.323	1.08	ug/L	0.00108	1					
Phenol	U	ND	3.23	10.8	ug/L	0.00108	1					
Pyrene	U	ND	0.323	1.08	ug/L	0.00108	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.23	10.8	ug/L	0.00108	1					
bis(2-Chloroethoxy)methane	U	ND	3.23	10.8	ug/L	0.00108	1					
bis(2-Chloroethyl) ether	U	ND	3.23	10.8	ug/L	0.00108	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.323	1.08	ug/L	0.00108	1					
m,p-Cresols	U	ND	3.98	10.8	ug/L	0.00108	1					
m-Nitroaniline	U	ND	3.23	10.8	ug/L	0.00108	1					
o-Cresol	U	ND	3.23	10.8	ug/L	0.00108	1					
o-Nitroaniline	U	ND	3.23	10.8	ug/L	0.00108	1					
p-Nitroaniline	U	ND	3.23	10.8	ug/L	0.00108	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0314	0.0943	ug/L	0.000943	1	JXM	04/17/26	1422	2979246	6
Aroclor-1221	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Aroclor-1232	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Aroclor-1242	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Aroclor-1248	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Aroclor-1254	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Aroclor-1260	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Aroclor-1262	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Aroclor-1268	U	ND	0.0314	0.0943	ug/L	0.000943	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24 Project: RVDE00226C
Sample ID: 771271002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00961	0.0384	ug/L	0.00481	1	YS1	04/08/26	2002	2974186	7
4,4'-DDE	U	ND	0.00961	0.0384	ug/L	0.00481	1					
4,4'-DDT	U	ND	0.00961	0.0384	ug/L	0.00481	1					
Aldrin	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Dieldrin	U	ND	0.00961	0.0384	ug/L	0.00481	1					
Endosulfan I	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Endosulfan II	U	ND	0.00961	0.0384	ug/L	0.00481	1					
Endosulfan sulfate	U	ND	0.00961	0.0384	ug/L	0.00481	1					
Endrin	U	ND	0.00961	0.0384	ug/L	0.00481	1					
Endrin aldehyde	U	ND	0.00639	0.0384	ug/L	0.00481	1					
Endrin ketone	U	ND	0.00961	0.0384	ug/L	0.00481	1					
Heptachlor	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Heptachlor epoxide	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Methoxychlor	U	ND	0.0481	0.192	ug/L	0.00481	1					
Toxaphene	U	ND	0.144	0.481	ug/L	0.00481	1					
alpha-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
beta-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
cis-Chlordane	U	ND	0.00639	0.0192	ug/L	0.00481	1					
delta-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
gamma-BHC (Lindane)	U	ND	0.00639	0.0192	ug/L	0.00481	1					
trans-Chlordane	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00302	0.00300	0.0100	mg/L		1	BR2	04/07/26	1922	2974009	9
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1730	2977529	10
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24
Sample ID: 771271002
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.01	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24 Project: RVDE00226C
Sample ID: 771271002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 1633	PFAS Extraction in Liquid - Refrigerated	BP1	04/13/26	1347	2976455
SW846 3535A	SW3535A PCB SPE Extraction	KC1	04/09/26	1254	2974856
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	04/17/26	0530	2979245
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 3535A	SW3535A Pesticides SPE Extraction	TH1	04/08/26	1042	2974185
SW846 9010C Distillation	SW846 9010C Prep	GP1	04/16/26	1445	2976223

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	EPA 1633	
3	SW846 7470A	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 3535A/8082A	
7	SW846 3535A/8081B	
8	SW846 3535A/8081B	
9	SW846 7196A	
10	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	94.5 ug/L	108	88	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	21.1 ug/L	108	20	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	30.7 ug/L	108	29	(15%-72%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24
Sample ID: 771271002
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
Nitrobenzene-d5		8270 TCL BNA "As Received"		36.0	ug/L	53.8		67		(31%-100%)	
2-Fluorobiphenyl		8270 TCL BNA "As Received"		37.9	ug/L	53.8		70		(32%-102%)	
p-Terphenyl-d14		8270 TCL BNA "As Received"		29.8	ug/L	53.8		55		(20%-118%)	
4cmx		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.109	ug/L	0.189		58		(28%-114%)	
Decachlorobiphenyl		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.0812	ug/L	0.189		43		(30%-135%)	
Decachlorobiphenyl		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.748	ug/L	0.961		78		(43%-140%)	
4cmx		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.620	ug/L	0.961		65		(29%-119%)	
Bromofluorobenzene		SW846 8260 TCL Volatiles "As Received"		48.1	ug/L	50.0		96		(77%-123%)	
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "As Received"		51.2	ug/L	50.0		102		(71%-131%)	
Toluene-d8		SW846 8260 TCL Volatiles "As Received"		49.0	ug/L	50.0		98		(77%-121%)	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-24 Field Filtered	Project:	RVDE00226C
Sample ID:	771271003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 12:20		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1310	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		392	68.0	200	ug/L	1.00	1	EM2	04/13/26	1834	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.86	5.00	30.0	ug/L	1.00	1					
Barium		47.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		33800	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		2800	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5610	110	300	ug/L	1.00	1					
Manganese		98.9	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9600	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		21800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	3.07	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.24	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1922	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-24 Field Filtered	Project:	RVDE00226C
Sample ID:	771271003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-24-DP	Project:	RVDE00226C
Sample ID:	771271004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 12:22		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	04/17/26	1224	2976224	1
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 6.72	2.24	6.72	ng/L	0.00889	1	JMB3	04/14/26	1549	2976456	2
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 6.83	2.28	6.83	ng/L	0.00889	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.67	2.22	6.67	ng/L	0.00889	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 6.76	2.25	6.76	ng/L	0.00889	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.12	2.37	7.12	ng/L	0.00889	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 17.8	5.93	17.8	ng/L	0.00889	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 17.8	5.93	17.8	ng/L	0.00889	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 35.6	11.9	35.6	ng/L	0.00889	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 35.6	11.9	35.6	ng/L	0.00889	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.12	2.37	7.12	ng/L	0.00889	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 6.72	2.24	6.72	ng/L	0.00889	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.65	2.22	6.65	ng/L	0.00889	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24-DP
Sample ID: 771271004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.56	1.19	3.56	ng/L	0.00889	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.17	1.06	3.17	ng/L	0.00889	1					
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.56	1.19	3.56	ng/L	0.00889	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.56	1.19	3.56	ng/L	0.00889	1					
Perfluorobutane sulfonic acid (PFBS)		6.58	0.526	1.58	ng/L	0.00889	1					
Perfluorobutanoic acid (PFBA)		11.8	2.37	7.12	ng/L	0.00889	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.72	0.572	1.72	ng/L	0.00889	1					
Perfluorodecanoic acid (PFDA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.73	0.575	1.73	ng/L	0.00889	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.70	0.565	1.70	ng/L	0.00889	1					
Perfluoroheptanoic acid (PFHpA)		2.61	0.593	1.78	ng/L	0.00889	1					
Perfluorohexane sulfonic acid (PFHxS)		8.86	0.542	1.63	ng/L	0.00889	1					
Perfluorohexanoic acid (PFHxA)		5.18	0.593	1.78	ng/L	0.00889	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.71	0.572	1.71	ng/L	0.00889	1					
Perfluorononanoic acid (PFNA)		2.12	0.593	1.78	ng/L	0.00889	1					
Perfluorooctane sulfonic acid (PFOS)		37.7	0.550	1.65	ng/L	0.00889	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
Perfluorooctanoic acid (PFOA)		12.7	0.593	1.78	ng/L	0.00889	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 1.67	0.558	1.67	ng/L	0.00889	1					
Perfluoropentanoic acid (PFPeA)		4.59	0.593	1.78	ng/L	0.00889	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.78	0.593	1.78	ng/L	0.00889	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24-DP
Sample ID: 771271004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1312	2974138	3
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		814	68.0	200	ug/L	1.00	1	EM2	04/13/26	1837	2974011	4
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.09	5.00	30.0	ug/L	1.00	1					
Barium		43.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		33000	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		2820	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5250	110	300	ug/L	1.00	1					
Manganese		89.3	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9730	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		22100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.08	1.00	5.00	ug/L	1.00	1					
Zinc	J	3.65	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.26	10.9	ug/L	0.00109	1	LL2	04/10/26	2014	2974972	5
1,2,4,5-Tetrachlorobenzene	U	ND	3.26	10.9	ug/L	0.00109	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
2,4,5-Trichlorophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
2,4,6-Trichlorophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
2,4-Dichlorophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
2,4-Dimethylphenol	U	ND	3.26	10.9	ug/L	0.00109	1					
2,4-Dinitrophenol	U	ND	5.43	21.7	ug/L	0.00109	1					

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-24-DP	Project:	RVDE00226C
Sample ID:	771271004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	3.26	10.9	ug/L	0.00109	1					
2,6-Dinitrotoluene	U	ND	3.26	10.9	ug/L	0.00109	1					
2-Chloronaphthalene	U	ND	0.445	1.09	ug/L	0.00109	1					
2-Chlorophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
2-Methyl-4,6-dinitrophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
2-Methylnaphthalene	U	ND	0.326	1.09	ug/L	0.00109	1					
2-Nitrophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
3,3'-Dichlorobenzidine	U	ND	3.26	10.9	ug/L	0.00109	1					
4-Bromophenylphenylether	U	ND	3.26	10.9	ug/L	0.00109	1					
4-Chloro-3-methylphenol	U	ND	3.26	10.9	ug/L	0.00109	1					
4-Chloroaniline	U	ND	3.58	10.9	ug/L	0.00109	1					
4-Chlorophenylphenylether	U	ND	3.26	10.9	ug/L	0.00109	1					
4-Nitrophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
Acenaphthene	U	ND	0.326	1.09	ug/L	0.00109	1					
Acenaphthylene	U	ND	0.326	1.09	ug/L	0.00109	1					
Acetophenone	U	ND	3.26	10.9	ug/L	0.00109	1					
Anthracene	U	ND	0.326	1.09	ug/L	0.00109	1					
Atrazine	U	ND	3.26	10.9	ug/L	0.00109	1					
Benzaldehyde	U	ND	3.26	10.9	ug/L	0.00109	1					
Benzo(a)anthracene	U	ND	0.326	1.09	ug/L	0.00109	1					
Benzo(a)pyrene	U	ND	0.326	1.09	ug/L	0.00109	1					
Benzo(b)fluoranthene	U	ND	0.326	1.09	ug/L	0.00109	1					
Benzo(ghi)perylene	U	ND	0.326	1.09	ug/L	0.00109	1					
Benzo(k)fluoranthene	U	ND	0.326	1.09	ug/L	0.00109	1					
Butylbenzylphthalate	U	ND	0.326	1.09	ug/L	0.00109	1					
Carbazole	U	ND	0.326	1.09	ug/L	0.00109	1					
Chrysene	U	ND	0.326	1.09	ug/L	0.00109	1					
Di-n-butylphthalate	U	ND	0.326	1.09	ug/L	0.00109	1					
Di-n-octylphthalate	U	ND	0.326	1.09	ug/L	0.00109	1					
Dibenzo(a,h)anthracene	U	ND	0.326	1.09	ug/L	0.00109	1					
Dibenzofuran	U	ND	3.26	10.9	ug/L	0.00109	1					
Diethylphthalate	U	ND	0.326	1.09	ug/L	0.00109	1					
Dimethylphthalate	U	ND	0.326	1.09	ug/L	0.00109	1					
Diphenylamine	U	ND	3.26	10.9	ug/L	0.00109	1					
Fluoranthene	U	ND	0.326	1.09	ug/L	0.00109	1					
Fluorene	U	ND	0.326	1.09	ug/L	0.00109	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24-DP
Sample ID: 771271004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	3.26	10.9	ug/L	0.00109	1					
Hexachlorobutadiene	U	ND	3.26	10.9	ug/L	0.00109	1					
Hexachlorocyclopentadiene	U	ND	3.26	10.9	ug/L	0.00109	1					
Hexachloroethane	U	ND	3.26	10.9	ug/L	0.00109	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.326	1.09	ug/L	0.00109	1					
Isophorone	U	ND	3.80	10.9	ug/L	0.00109	1					
N-Nitrosodipropylamine	U	ND	3.26	10.9	ug/L	0.00109	1					
Naphthalene	U	ND	0.326	1.09	ug/L	0.00109	1					
Nitrobenzene	U	ND	3.26	10.9	ug/L	0.00109	1					
Pentachlorophenol	U	ND	3.26	10.9	ug/L	0.00109	1					
Phenanthrene	U	ND	0.326	1.09	ug/L	0.00109	1					
Phenol	U	ND	3.26	10.9	ug/L	0.00109	1					
Pyrene	U	ND	0.326	1.09	ug/L	0.00109	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.26	10.9	ug/L	0.00109	1					
bis(2-Chloroethoxy)methane	U	ND	3.26	10.9	ug/L	0.00109	1					
bis(2-Chloroethyl) ether	U	ND	3.26	10.9	ug/L	0.00109	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.326	1.09	ug/L	0.00109	1					
m,p-Cresols	U	ND	4.01	10.9	ug/L	0.00109	1					
m-Nitroaniline	U	ND	3.26	10.9	ug/L	0.00109	1					
o-Cresol	U	ND	3.26	10.9	ug/L	0.00109	1					
o-Nitroaniline	U	ND	3.26	10.9	ug/L	0.00109	1					
p-Nitroaniline	U	ND	3.26	10.9	ug/L	0.00109	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0317	0.0952	ug/L	0.000952	1	JXM	04/17/26	1437	2979246	6
Aroclor-1221	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Aroclor-1232	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Aroclor-1242	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Aroclor-1248	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Aroclor-1254	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Aroclor-1260	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Aroclor-1262	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Aroclor-1268	U	ND	0.0317	0.0952	ug/L	0.000952	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24-DP
Sample ID: 771271004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00954	0.0382	ug/L	0.00477	1	YS1	04/08/26	2019	2974186	7
4,4'-DDE	U	ND	0.00954	0.0382	ug/L	0.00477	1					
4,4'-DDT	U	ND	0.00954	0.0382	ug/L	0.00477	1					
Aldrin	U	ND	0.00635	0.0191	ug/L	0.00477	1					
Dieldrin	U	ND	0.00954	0.0382	ug/L	0.00477	1					
Endosulfan I	U	ND	0.00635	0.0191	ug/L	0.00477	1					
Endosulfan II	U	ND	0.00954	0.0382	ug/L	0.00477	1					
Endosulfan sulfate	U	ND	0.00954	0.0382	ug/L	0.00477	1					
Endrin	U	ND	0.00954	0.0382	ug/L	0.00477	1					
Endrin aldehyde	U	ND	0.00635	0.0382	ug/L	0.00477	1					
Endrin ketone	U	ND	0.00954	0.0382	ug/L	0.00477	1					
Heptachlor	U	ND	0.00635	0.0191	ug/L	0.00477	1					
Heptachlor epoxide	U	ND	0.00635	0.0191	ug/L	0.00477	1					
Methoxychlor	U	ND	0.0477	0.191	ug/L	0.00477	1					
Toxaphene	U	ND	0.143	0.477	ug/L	0.00477	1					
alpha-BHC	U	ND	0.00635	0.0191	ug/L	0.00477	1					
beta-BHC	U	ND	0.00635	0.0191	ug/L	0.00477	1					
cis-Chlordane	U	ND	0.00635	0.0191	ug/L	0.00477	1					
delta-BHC	U	ND	0.00635	0.0191	ug/L	0.00477	1					
gamma-BHC (Lindane)	U	ND	0.00635	0.0191	ug/L	0.00477	1					
trans-Chlordane	U	ND	0.00635	0.0191	ug/L	0.00477	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00414	0.00300	0.0100	mg/L		1	BR2	04/07/26	1925	2974009	9
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JA2	04/14/26	1755	2977529	10
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24-DP
Sample ID: 771271004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	1.02	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24-DP
Sample ID: 771271004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3535A	SW3535A PCB SPE Extraction	KC1	04/09/26	1254	2974856
SW846 3535A	SW3535A Pesticides SPE Extraction	TH1	04/08/26	1042	2974185
EPA 1633	PFAS Extraction in Liquid - Refrigerated	BP1	04/13/26	1347	2976455
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	04/10/26	1120	2974962
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	04/17/26	0530	2979245
SW846 9010C Distillation	SW846 9010C Prep	GP1	04/16/26	1445	2976223

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	EPA 1633	
3	SW846 7470A	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 3535A/8082A	
7	SW846 3535A/8081B	
8	SW846 3535A/8081B	
9	SW846 7196A	
10	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	83.1 ug/L	109	77	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	16.1 ug/L	109	15	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	25.3 ug/L	109	23	(15%-72%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-24-DP
Sample ID: 771271004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Nitrobenzene-d5		8270 TCL BNA "As Received"		27.5	ug/L	54.3		51			(31%-100%)	
2-Fluorobiphenyl		8270 TCL BNA "As Received"		30.2	ug/L	54.3		56			(32%-102%)	
p-Terphenyl-d14		8270 TCL BNA "As Received"		27.0	ug/L	54.3		50			(20%-118%)	
4cmx		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.136	ug/L	0.190		71			(28%-114%)	
Decachlorobiphenyl		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.114	ug/L	0.190		60			(30%-135%)	
Decachlorobiphenyl		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.721	ug/L	0.954		76			(43%-140%)	
4cmx		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.619	ug/L	0.954		65			(29%-119%)	
Bromofluorobenzene		SW846 8260 TCL Volatiles "As Received"		48.2	ug/L	50.0		96			(77%-123%)	
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "As Received"		51.5	ug/L	50.0		103			(71%-131%)	
Toluene-d8		SW846 8260 TCL Volatiles "As Received"		49.0	ug/L	50.0		98			(77%-121%)	

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-24-DP	Project:	RVDE00226C
Sample ID:	771271005	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	07-APR-26 12:22		
Receive Date:	07-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/09/26	1314	2974138	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		363	68.0	200	ug/L	1.00	1	EM2	04/13/26	1839	2974011	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	6.39	5.00	30.0	ug/L	1.00	1					
Barium		47.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		34500	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		2880	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5730	110	300	ug/L	1.00	1					
Manganese		98.0	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9650	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		21800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.89	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.75	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/07/26	1925	2974009	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/08/26	0800	2974010
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/08/26	1240	2974137

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-24-DP	Project:	RVDE00226C
Sample ID:	771271005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Flow Injection Analysis												
Batch 2976224												
QC1206433483 771295004 DUP												
Cyanide, Total		U	ND	U	ND	ug/L	N/A			CH9	04/17/26	12:32
QC1206433480 LCS												
Cyanide, Total	50.0				46.0	ug/L		92	(90%-110%)		04/17/26	12:16
QC1206433479 MB												
Cyanide, Total				U	ND	ug/L					04/17/26	12:15
QC1206433484 771295004 MS												
Cyanide, Total	100	U	ND		99.7	ug/L		99.7	(52%-131%)		04/17/26	12:33
Metals Analysis-ICP												
Batch 2974011												
QC1206429455 LCS												
Aluminum	5000				5160	ug/L		103	(80%-120%)	EM2	04/13/26	17:39
Antimony	500				515	ug/L		103	(80%-120%)			
Arsenic	500				525	ug/L		105	(80%-120%)			
Barium	500				519	ug/L		104	(80%-120%)			
Beryllium	500				514	ug/L		103	(80%-120%)			
Cadmium	500				513	ug/L		103	(80%-120%)			

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Calcium	5000			5320	ug/L		106	(80%-120%)	EM2	04/13/26 17:39
Chromium	500			523	ug/L		105	(80%-120%)		
Cobalt	500			519	ug/L		104	(80%-120%)		
Copper	500			518	ug/L		104	(80%-120%)		
Iron	5000			5310	ug/L		106	(80%-120%)		
Lead	500			500	ug/L		100	(80%-120%)		
Magnesium	5000			5370	ug/L		107	(80%-120%)		
Manganese	500			521	ug/L		104	(80%-120%)		
Nickel	500			524	ug/L		105	(80%-120%)		
Potassium	5000			5130	ug/L		103	(80%-120%)		
Selenium	500			505	ug/L		101	(80%-120%)		
Silver	100			101	ug/L		101	(80%-120%)		
Sodium	5000			5140	ug/L		103	(80%-120%)		
Thallium	500			528	ug/L		106	(80%-120%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
Vanadium	500			524	ug/L		105	(80%-120%)	EM2	04/13/26 17:39
Zinc	500			504	ug/L		101	(80%-120%)		
QC1206429454 MB										
Aluminum			U	ND	ug/L					04/13/26 17:35
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Magnesium				U	ND	ug/L				EM2	04/13/26 17:35
Manganese				U	ND	ug/L					
Nickel				U	ND	ug/L					
Potassium				U	ND	ug/L					
Selenium				U	ND	ug/L					
Silver				U	ND	ug/L					
Sodium				U	ND	ug/L					
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206429456 771268001 MS											
Aluminum	5000		12000		27600	ug/L		312 *	(75%-125%)		04/13/26 17:43
Antimony	500	J	5.42		500	ug/L		99	(75%-125%)		
Arsenic	500	J	12.3		551	ug/L		108	(75%-125%)		
Barium	500		174		701	ug/L		105	(75%-125%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Beryllium	500	J	1.05		513	ug/L		102	(75%-125%)	EM2	04/13/26 17:43
Cadmium	500	U	ND		500	ug/L		99.8	(75%-125%)		
Calcium	5000		52000		61500	ug/L		N/A	(75%-125%)		
Chromium	500		24.3		532	ug/L		101	(75%-125%)		
Cobalt	500		5.20		513	ug/L		101	(75%-125%)		
Copper	500		54.5		578	ug/L		105	(75%-125%)		
Iron	5000		18000		25900	ug/L		159*	(75%-125%)		
Lead	500		150		639	ug/L		97.8	(75%-125%)		
Magnesium	5000		4300		9970	ug/L		113	(75%-125%)		
Manganese	500		380		901	ug/L		104	(75%-125%)		
Nickel	500		8.30		509	ug/L		100	(75%-125%)		
Potassium	5000		20100		27300	ug/L		N/A	(75%-125%)		
Selenium	500	U	ND		499	ug/L		99.5	(75%-125%)		
Silver	100	U	ND		100	ug/L		100	(75%-125%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Sodium	5000		122000		137000	ug/L		N/A	(75%-125%)	EM2	04/13/26 17:43
Thallium	500	U	ND		484	ug/L		96.8	(75%-125%)		
Vanadium	500		33.5		558	ug/L		105	(75%-125%)		
Zinc	500		359		878	ug/L		104	(75%-125%)		
QC1206429457 771268001 MSD											
Aluminum	5000		12000		26900	ug/L	2.42	298*	(0%-20%)		04/13/26 17:46
Antimony	500	J	5.42		493	ug/L	1.5	97.5	(0%-20%)		
Arsenic	500	J	12.3		541	ug/L	1.88	106	(0%-20%)		
Barium	500		174		691	ug/L	1.49	103	(0%-20%)		
Beryllium	500	J	1.05		505	ug/L	1.52	101	(0%-20%)		
Cadmium	500	U	ND		489	ug/L	2.06	97.8	(0%-20%)		
Calcium	5000		52000		59900	ug/L	2.6	N/A	(0%-20%)		
Chromium	500		24.3		527	ug/L	0.91	100	(0%-20%)		
Cobalt	500		5.20		501	ug/L	2.28	99.2	(0%-20%)		
Copper	500		54.5		570	ug/L	1.47	103	(0%-20%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974011											
Iron	5000		18000		25200	ug/L	2.55	146 *	(0%-20%)	EM2	04/13/26 17:46
Lead	500		150		623	ug/L	2.61	94.5	(0%-20%)		
Magnesium	5000		4300		9730	ug/L	2.43	109	(0%-20%)		
Manganese	500		380		895	ug/L	0.6	103	(0%-20%)		
Nickel	500		8.30		503	ug/L	1.08	99	(0%-20%)		
Potassium	5000		20100		26500	ug/L	2.8	N/A	(0%-20%)		
Selenium	500	U	ND		490	ug/L	1.92	97.6	(0%-20%)		
Silver	100	U	ND		98.0	ug/L	2.12	98	(0%-20%)		
Sodium	5000		122000		133000	ug/L	2.57	N/A	(0%-20%)		
Thallium	500	U	ND		484	ug/L	0.065	96.8	(0%-20%)		
Vanadium	500		33.5		554	ug/L	0.569	104	(0%-20%)		
Zinc	500		359		868	ug/L	1.08	102	(0%-20%)		
QC1206429458 771268001 PS											
Aluminum	5000		12000		16300	ug/L		86.3	(75%-125%)		04/13/26 17:48
Iron	5000		18000		22200	ug/L		84.4	(75%-125%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974011										
QC1206429459 771268001 SDILT										
Aluminum		12000	E	3020	ug/L	25.9 *		(0%-20%)	EM2	04/13/26 17:51
Antimony	J	5.42	U	ND	ug/L	N/A		(0%-20%)		
Arsenic	J	12.3	U	ND	ug/L	N/A		(0%-20%)		
Barium		174	E	42.6	ug/L	22.4 *		(0%-20%)		
Beryllium	J	1.05	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		52000	E	13100	ug/L	26 *		(0%-20%)		
Chromium		24.3	J	6.34	ug/L	30.5		(0%-20%)		
Cobalt		5.20	J	1.98	ug/L	90.2		(0%-20%)		
Copper		54.5	J	12.2	ug/L	11.9		(0%-20%)		
Iron		18000	E	4530	ug/L	26.2 *		(0%-20%)		
Lead		150		40.5	ug/L	34.8		(0%-20%)		
Magnesium		4300		1090	ug/L	26.3		(0%-20%)		
Manganese		380	E	95.7	ug/L	25.9 *		(0%-20%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2974011												
Nickel			8.30	J	1.94	ug/L	17			(0%-20%)	EM2	04/13/26 17:51
Potassium			20100	E	4940	ug/L	22.6	*		(0%-20%)		
Selenium		U	ND	U	ND	ug/L	N/A			(0%-20%)		
Silver		U	ND	U	ND	ug/L	N/A			(0%-20%)		
Sodium			122000	E	30700	ug/L	25.5	*		(0%-20%)		
Thallium		U	ND	U	ND	ug/L	N/A			(0%-20%)		
Vanadium			33.5		8.07	ug/L	20.3			(0%-20%)		
Zinc			359		89.5	ug/L	24.8			(0%-20%)		
Metals Analysis-Mercury												
Batch 2974138												
QC1206429740 771145001 DUP												
Mercury		U	ND	U	ND	ug/L	N/A				PB1	04/09/26 12:36
QC1206429739 LCS												
Mercury	2.00				2.16	ug/L			108	(80%-120%)		04/09/26 12:32
QC1206429738 MB												
Mercury				U	ND	ug/L						04/09/26 12:31
QC1206429741 771145001 MS												
Mercury	2.00	U	ND		2.28	ug/L			114	(75%-125%)		04/09/26 12:37

QC Summary

Workorder: 771271

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
QC1206434044 LCS										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	92.4			112	ng/L		121	(55%-160%)	JMB3	04/14/26 14:29
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	93.8			110	ng/L		117	(60%-150%)		
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	91.6			88.8	ng/L		97	(70%-145%)		
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	92.8			103	ng/L		111	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	489			498	ng/L		102	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	489			542	ng/L		111	(70%-135%)		
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	97.7			109	ng/L		112	(65%-130%)		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	92.4			110	ng/L		119	(65%-145%)		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	91.4			115	ng/L		126	(70%-155%)		
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	97.7			104	ng/L		106	(70%-140%)		
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	24.4			26.8	ng/L		110	(65%-145%)		
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	24.4			26.8	ng/L		110	(70%-145%)		
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	244			259	ng/L		106	(70%-135%)		
N-Methylperfluorooctane sulfonamide (NMeFOSA)	24.4			27.7	ng/L		113	(60%-150%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2976456											
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	24.4			26.2	ng/L		107	(50%-140%)	JMB3	04/14/26	14:29
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	244			260	ng/L		106	(70%-145%)			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	48.9			52.7	ng/L		108	(50%-150%)			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	43.5			49.5	ng/L		114	(70%-140%)			
Perfluoro-3-methoxypropanoic acid (PFMPA)	48.9			55.3	ng/L		113	(55%-140%)			
Perfluoro-4-methoxybutanoic acid (PFMBA)	48.9			51.9	ng/L		106	(60%-150%)			
Perfluorobutane sulfonic acid (PFBS)	21.7			23.5	ng/L		109	(60%-145%)			
Perfluorobutanoic acid (PFBA)	97.7			104	ng/L		106	(70%-140%)			
Perfluorodecane sulfonic acid (PFDS)	23.6			23.1	ng/L		98	(60%-145%)			
Perfluorodecanoic acid (PFDA)	24.4			23.2	ng/L		95	(70%-140%)			
Perfluorododecane sulfonic acid (PFDoS)	23.7			23.3	ng/L		98	(50%-145%)			
Perfluorododecanoic acid (PFDOA)	24.4			24.8	ng/L		101	(70%-140%)			
Perfluoroheptane sulfonic acid (PFHpS)	23.3			28.2	ng/L		121	(70%-150%)			
Perfluoroheptanoic acid (PFHpA)	24.4			27.7	ng/L		113	(70%-150%)			

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Perfluorohexane sulfonic acid (PFHxS)	22.3			25.0	ng/L		112	(65%-145%)	JMB3	04/14/26 14:29
Perfluorohexanoic acid (PFHxA)	24.4			23.8	ng/L		97	(70%-145%)		
Perfluorononane sulfonic acid (PFNS)	23.5			25.8	ng/L		110	(65%-145%)		
Perfluorononanoic acid (PFNA)	24.4			25.9	ng/L		106	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	24.4			25.7	ng/L		105	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	22.7			26.8	ng/L		118	(55%-150%)		
Perfluorooctanoic acid (PFOA)	24.4			26.3	ng/L		108	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	23.0			24.5	ng/L		106	(65%-140%)		
Perfluoropentanoic acid (PFPeA)	48.9			52.5	ng/L		108	(65%-135%)		
Perfluorotetradecanoic acid (PFTDA)	24.4			27.3	ng/L		112	(60%-140%)		
Perfluorotridecanoic acid (PFTrDA)	24.4			24.8	ng/L		101	(65%-140%)		
Perfluoroundecanoic acid (PFUnDA)	24.4			24.0	ng/L		98	(70%-145%)		
QC1206434045 LCS										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	5.97		J	5.97	ng/L		100	(55%-160%)		04/14/26 14:45
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.07		J	7.05	ng/L		116	(60%-150%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.18		J	6.11	ng/L		99	(70%-145%)	JMB3	04/14/26 14:45
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.01		J	6.92	ng/L		115	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	31.6		J	31.6	ng/L		100	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	31.6		J	33.5	ng/L		106	(70%-135%)		
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	6.32		J	7.16	ng/L		113	(65%-130%)		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	5.97		J	6.76	ng/L		113	(65%-145%)		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	5.91		J	7.05	ng/L		119	(70%-155%)		
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	6.32		J	6.08	ng/L		96	(70%-140%)		
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	1.58		J	1.70	ng/L		107	(65%-145%)		
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	1.58		J	1.81	ng/L		114	(70%-145%)		
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	15.8		J	16.2	ng/L		103	(70%-135%)		
N-Methylperfluorooctane sulfonamide (NMeFOSA)	1.58		J	1.55	ng/L		98	(60%-150%)		
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	1.58		J	1.74	ng/L		110	(50%-140%)		
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	15.8		J	16.4	ng/L		103	(70%-145%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.16		J	3.45	ng/L		109	(50%-150%)	JMB3	04/14/26 14:45
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.81		J	2.98	ng/L		106	(70%-140%)		
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.16		J	3.52	ng/L		111	(55%-140%)		
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.16		J	3.37	ng/L		107	(60%-150%)		
Perfluorobutane sulfonic acid (PFBS)	1.40		J	1.59	ng/L		114	(60%-145%)		
Perfluorobutanoic acid (PFBA)	6.32		J	6.47	ng/L		102	(70%-140%)		
Perfluorodecane sulfonic acid (PFDS)	1.52		J	1.49	ng/L		98	(60%-145%)		
Perfluorodecanoic acid (PFDA)	1.58		J	1.58	ng/L		100	(70%-140%)		
Perfluorododecane sulfonic acid (PFDoS)	1.53		J	1.27	ng/L		83	(50%-145%)		
Perfluorododecanoic acid (PFDOA)	1.58		J	1.58	ng/L		100	(70%-140%)		
Perfluoroheptane sulfonic acid (PFHpS)	1.51		J	1.50	ng/L		99	(70%-150%)		
Perfluoroheptanoic acid (PFHpA)	1.58		J	1.56	ng/L		99	(70%-150%)		
Perfluorohexane sulfonic acid (PFHxS)	1.44		J	1.42	ng/L		98	(65%-145%)		
Perfluorohexanoic acid (PFHxA)	1.58		J	1.57	ng/L		100	(70%-145%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Perfluorononane sulfonic acid (PFNS)	1.52		J	1.42	ng/L		93	(65%-145%)	JMB3	04/14/26 14:45
Perfluorononanoic acid (PFNA)	1.58		J	1.61	ng/L		102	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	1.58		J	1.76	ng/L		111	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	1.47		J	1.43	ng/L		98	(55%-150%)		
Perfluorooctanoic acid (PFOA)	1.58		J	1.80	ng/L		114	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	1.49		J	1.42	ng/L		96	(65%-140%)		
Perfluoropentanoic acid (PFPeA)	3.16			3.09	ng/L		98	(65%-135%)		
Perfluorotetradecanoic acid (PFTDA)	1.58		J	1.63	ng/L		103	(60%-140%)		
Perfluorotridecanoic acid (PFTrDA)	1.58		J	1.58	ng/L		100	(65%-140%)		
Perfluoroundecanoic acid (PFUnDA)	1.58		J	1.62	ng/L		103	(70%-145%)		
QC1206434043 MB										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)			U	< 2.5	ng/L					04/14/26 14:13
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)			U	< 2.5	ng/L					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)			U	< 2.4	ng/L					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)			U	< 2.5	ng/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)			U	< 13	ng/L				JMB3	04/14/26 14:13
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)			U	< 13	ng/L					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)			U	< 2.6	ng/L					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)			U	< 2.5	ng/L					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)			U	< 2.4	ng/L					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)			U	< 2.6	ng/L					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)			U	< 0.65	ng/L					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)			U	< 0.65	ng/L					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)			U	< 6.5	ng/L					
N-Methylperfluorooctane sulfonamide (NMeFOSA)			U	< 0.65	ng/L					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)			U	< 0.65	ng/L					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)			U	< 6.5	ng/L					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			U	< 1.3	ng/L					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)			U	< 1.2	ng/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Perfluoro-3-methoxypropanoic acid (PFMPA)			U	< 1.3	ng/L				JMB3	04/14/26 14:13
Perfluoro-4-methoxybutanoic acid (PFMBA)			U	< 1.3	ng/L					
Perfluorobutane sulfonic acid (PFBS)			U	< 0.58	ng/L					
Perfluorobutanoic acid (PFBA)			U	< 2.6	ng/L					
Perfluorodecane sulfonic acid (PFDS)			U	< 0.63	ng/L					
Perfluorodecanoic acid (PFDA)			U	< 0.65	ng/L					
Perfluorododecane sulfonic acid (PFDoS)			U	< 0.63	ng/L					
Perfluorododecanoic acid (PFDOA)			U	< 0.65	ng/L					
Perfluoroheptane sulfonic acid (PFHpS)			U	< 0.62	ng/L					
Perfluoroheptanoic acid (PFHpA)			U	< 0.65	ng/L					
Perfluorohexane sulfonic acid (PFHxS)			U	< 0.59	ng/L					
Perfluorohexanoic acid (PFHxA)			U	< 0.65	ng/L					
Perfluorononane sulfonic acid (PFNS)			U	< 0.63	ng/L					
Perfluorononanoic acid (PFNA)			U	< 0.65	ng/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Perfluorooctane sulfonamide (PFOSAm)			U	< 0.65	ng/L				JMB3	04/14/26 14:13
Perfluorooctane sulfonic acid (PFOS)			U	< 0.60	ng/L					
Perfluorooctanoic acid (PFOA)			U	< 0.65	ng/L					
Perfluoropentane sulfonic acid (PFPeS)			U	< 0.61	ng/L					
Perfluoropentanoic acid (PFPeA)			U	< 0.65	ng/L					
Perfluorotetradecanoic acid (PFTDA)			U	< 0.65	ng/L					
Perfluorotridecanoic acid (PFTrDA)			U	< 0.65	ng/L					
Perfluoroundecanoic acid (PFUnDA)			U	< 0.65	ng/L					
Semi-Volatile-GC/MS										
Batch 2974972										
QC1206431267 LCS										
1,1'-Biphenyl	50.0			37.4	ug/L		75	(45%-114%)	LL2	04/10/26 17:21
1,2,4,5-Tetrachlorobenzene	50.0			35.7	ug/L		71	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			43.0	ug/L		86	(41%-119%)		
2,4,5-Trichlorophenol	50.0			42.8	ug/L		86	(42%-122%)		
2,4,6-Trichlorophenol	50.0			44.0	ug/L		88	(40%-119%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
2,4-Dichlorophenol	50.0			39.2	ug/L		78	(36%-111%)	LL2	04/10/26 17:21
2,4-Dimethylphenol	50.0			21.5	ug/L		43	(31%-68%)		
2,4-Dinitrophenol	50.0			42.5	ug/L		85	(30%-120%)		
2,4-Dinitrotoluene	50.0			46.9	ug/L		94	(48%-128%)		
2,6-Dinitrotoluene	50.0			45.9	ug/L		92	(47%-124%)		
2-Chloronaphthalene	50.0			44.7	ug/L		89	(41%-113%)		
2-Chlorophenol	50.0			32.5	ug/L		65	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			41.9	ug/L		84	(32%-131%)		
2-Methylnaphthalene	50.0			44.7	ug/L		89	(42%-116%)		
2-Nitrophenol	50.0			39.1	ug/L		78	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			42.3	ug/L		85	(43%-116%)		
4-Bromophenylphenylether	50.0			45.7	ug/L		91	(49%-125%)		
4-Chloro-3-methylphenol	50.0			40.0	ug/L		80	(35%-113%)		
4-Chloroaniline	50.0			36.5	ug/L		73	(39%-112%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
4-Chlorophenylphenylether	50.0			49.5	ug/L		99	(48%-124%)	LL2	04/10/26 17:21
4-Nitrophenol	50.0			25.4	ug/L		51	(25%-69%)		
Acenaphthene	50.0			43.9	ug/L		88	(44%-118%)		
Acenaphthylene	50.0			39.9	ug/L		80	(42%-110%)		
Acetophenone	50.0			37.3	ug/L		75	(44%-114%)		
Anthracene	50.0			43.8	ug/L		88	(49%-121%)		
Atrazine	50.0			38.3	ug/L		77	(49%-147%)		
Benzaldehyde	50.0			30.7	ug/L		61	(27%-111%)		
Benzo(a)anthracene	50.0			43.5	ug/L		87	(46%-121%)		
Benzo(a)pyrene	50.0			42.0	ug/L		84	(41%-120%)		
Benzo(b)fluoranthene	50.0			50.2	ug/L		100	(45%-126%)		
Benzo(ghi)perylene	50.0			47.7	ug/L		95	(44%-129%)		
Benzo(k)fluoranthene	50.0			44.1	ug/L		88	(44%-126%)		
Butylbenzylphthalate	50.0			46.9	ug/L		94	(47%-135%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Carbazole	50.0			46.6	ug/L		93	(52%-127%)	LL2	04/10/26 17:21
Chrysene	50.0			45.4	ug/L		91	(46%-121%)		
Di-n-butylphthalate	50.0			47.0	ug/L		94	(51%-132%)		
Di-n-octylphthalate	50.0			44.1	ug/L		88	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			45.6	ug/L		91	(42%-123%)		
Dibenzofuran	50.0			45.5	ug/L		91	(48%-118%)		
Diethylphthalate	50.0			45.1	ug/L		90	(51%-131%)		
Dimethylphthalate	50.0			44.7	ug/L		89	(48%-129%)		
Diphenylamine	50.0			44.1	ug/L		88	(49%-122%)		
Fluoranthene	50.0			47.8	ug/L		96	(50%-126%)		
Fluorene	50.0			44.7	ug/L		89	(48%-122%)		
Hexachlorobenzene	50.0			45.4	ug/L		91	(46%-122%)		
Hexachlorobutadiene	50.0			38.8	ug/L		78	(32%-94%)		
Hexachlorocyclopentadiene	50.0			16.7	ug/L		33	(31%-64%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Hexachloroethane	50.0			34.0	ug/L		68	(31%-89%)	LL2	04/10/26 17:21
Indeno(1,2,3-cd)pyrene	50.0			46.7	ug/L		93	(40%-125%)		
Isophorone	50.0			35.7	ug/L		71	(39%-126%)		
N-Nitrosodipropylamine	50.0			40.3	ug/L		81	(44%-122%)		
Naphthalene	50.0			40.7	ug/L		81	(41%-107%)		
Nitrobenzene	50.0			40.2	ug/L		80	(42%-112%)		
Pentachlorophenol	50.0			49.5	ug/L		99	(36%-124%)		
Phenanthrene	50.0			45.9	ug/L		92	(48%-120%)		
Phenol	50.0			16.7	ug/L		33	(12%-90%)		
Pyrene	50.0			48.3	ug/L		97	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			38.7	ug/L		77	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			43.3	ug/L		87	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			37.8	ug/L		76	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			44.7	ug/L		89	(42%-132%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
m,p-Cresols	50.0			27.7	ug/L		55	(29%-82%)	LL2	04/10/26 17:21
m-Nitroaniline	50.0			41.6	ug/L		83	(44%-119%)		
o-Cresol	50.0			29.0	ug/L		58	(29%-86%)		
o-Nitroaniline	50.0			43.7	ug/L		87	(45%-128%)		
p-Nitroaniline	50.0			47.5	ug/L		95	(46%-130%)		
**2,4,6-Tribromophenol	100			85.0	ug/L		85	(28%-113%)		
**2-Fluorobiphenyl	50.0			39.9	ug/L		80	(32%-102%)		
**2-Fluorophenol	100			37.9	ug/L		38	(15%-72%)		
**Nitrobenzene-d5	50.0			37.0	ug/L		74	(31%-100%)		
**Phenol-d5	100			27.6	ug/L		28	(15%-85%)		
**p-Terphenyl-d14	50.0			38.9	ug/L		78	(20%-118%)		
QC1206431266 MB										
1,1'-Biphenyl			U	ND	ug/L					04/10/26 16:57
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
2,4,5-Trichlorophenol			U	ND	ug/L				LL2	04/10/26 16:57
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
4-Chloro-3-methylphenol			U	ND	ug/L				LL2	04/10/26 16:57
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Benzo(k)fluoranthene			U	ND	ug/L				LL2	04/10/26 16:57
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
Hexachlorobutadiene			U	ND	ug/L				LL2	04/10/26 16:57
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
bis(2-Chloroethyl) ether			U	ND	ug/L				LL2	04/10/26 16:57
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			80.8	ug/L		81	(28%-113%)		
**2-Fluorobiphenyl	50.0			40.7	ug/L		81	(32%-102%)		
**2-Fluorophenol	100			33.5	ug/L		33	(15%-72%)		
**Nitrobenzene-d5	50.0			37.5	ug/L		75	(31%-100%)		
**Phenol-d5	100			22.8	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0			39.8	ug/L		80	(20%-118%)		
QC1206431268 771374001 MS										
1,1'-Biphenyl	100	U	ND	76.5	ug/L		76	(30%-119%)		04/10/26 21:21

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
1,2,4,5-Tetrachlorobenzene	100	U	ND		73.8	ug/L		74	(28%-109%)	LL2	04/10/26 21:21
2,3,4,6-Tetrachlorophenol	100	U	ND		93.5	ug/L		94	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		94.3	ug/L		94	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		97.5	ug/L		97	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		91.3	ug/L		91	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		51.2	ug/L		51	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		100	ug/L		100	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		99.3	ug/L		99	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		97.9	ug/L		98	(35%-126%)		
2-Chloronaphthalene	100	U	ND		91.0	ug/L		91	(31%-114%)		
2-Chlorophenol	100	U	ND		81.5	ug/L		81	(25%-106%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		95.7	ug/L		96	(25%-131%)		
2-Methylnaphthalene	100	U	ND		93.0	ug/L		93	(32%-117%)		
2-Nitrophenol	100	U	ND		88.8	ug/L		89	(28%-118%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
3,3'-Dichlorobenzidine	100	U	ND		73.4	ug/L		73	(24%-119%)	LL2	04/10/26 21:21
4-Bromophenylphenylether	100	U	ND		93.4	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	100	U	ND		93.1	ug/L		93	(32%-122%)		
4-Chloroaniline	100	U	ND		75.0	ug/L		75	(27%-117%)		
4-Chlorophenylphenylether	100	U	ND		99.7	ug/L		100	(35%-126%)		
4-Nitrophenol	100	U	ND		81.7	ug/L		82	(9%-95%)		
Acenaphthene	100	U	ND		90.2	ug/L		90	(33%-118%)		
Acenaphthylene	100	U	ND		81.4	ug/L		81	(30%-112%)		
Acetophenone	100	U	ND		78.8	ug/L		79	(31%-118%)		
Anthracene	100	U	ND		87.6	ug/L		88	(35%-122%)		
Atrazine	100	U	ND		73.4	ug/L		73	(26%-158%)		
Benzaldehyde	100	U	ND		62.2	ug/L		62	(16%-109%)		
Benzo(a)anthracene	100	U	ND		87.3	ug/L		87	(33%-122%)		
Benzo(a)pyrene	100	U	ND		87.4	ug/L		87	(30%-121%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Benzo(b)fluoranthene	100	U	ND		105	ug/L		105	(33%-128%)	LL2	04/10/26 21:21
Benzo(ghi)perylene	100	U	ND		93.8	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		93.8	ug/L		94	(32%-128%)		
Butylbenzylphthalate	100	U	ND		97.4	ug/L		97	(35%-136%)		
Carbazole	100	U	ND		95.3	ug/L		95	(39%-129%)		
Chrysene	100	U	ND		91.0	ug/L		91	(34%-122%)		
Di-n-butylphthalate	100	J	0.450		94.7	ug/L		94	(36%-133%)		
Di-n-octylphthalate	100	U	ND		94.9	ug/L		95	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		90.5	ug/L		91	(30%-124%)		
Dibenzofuran	100	U	ND		93.0	ug/L		93	(36%-120%)		
Diethylphthalate	100	U	ND		93.9	ug/L		94	(37%-133%)		
Dimethylphthalate	100	U	ND		93.4	ug/L		93	(36%-131%)		
Diphenylamine	100	U	ND		90.5	ug/L		91	(33%-124%)		
Fluoranthene	100	U	ND		93.6	ug/L		94	(36%-128%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Fluorene	100	U	ND		91.0	ug/L		91	(35%-124%)	LL2	04/10/26 21:21
Hexachlorobenzene	100	U	ND		92.0	ug/L		92	(34%-123%)		
Hexachlorobutadiene	100	U	ND		82.6	ug/L		83	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		36.8	ug/L		37	(18%-65%)		
Hexachloroethane	100	U	ND		73.7	ug/L		74	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		92.8	ug/L		93	(29%-127%)		
Isophorone	100	U	ND		75.4	ug/L		75	(27%-128%)		
N-Nitrosodipropylamine	100	U	ND		84.9	ug/L		85	(30%-128%)		
Naphthalene	100	U	ND		84.1	ug/L		84	(30%-109%)		
Nitrobenzene	100	U	ND		83.6	ug/L		84	(30%-117%)		
Pentachlorophenol	100	U	ND		109	ug/L		109	(30%-131%)		
Phenanthrene	100	U	ND		90.8	ug/L		91	(35%-122%)		
Phenol	100	U	ND		60.0	ug/L		60	(16%-74%)		
Pyrene	100	U	ND		94.4	ug/L		94	(36%-130%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
bis(2-Chloro-1-methylethyl)ether	100	U	ND		82.4	ug/L		82	(19%-144%)	LL2	04/10/26 21:21
bis(2-Chloroethoxy)methane	100	U	ND		89.5	ug/L		90	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		80.2	ug/L		80	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		96.1	ug/L		96	(29%-135%)		
m,p-Cresols	100	U	ND		80.0	ug/L		80	(21%-105%)		
m-Nitroaniline	100	U	ND		91.8	ug/L		92	(29%-127%)		
o-Cresol	100	U	ND		79.8	ug/L		80	(23%-104%)		
o-Nitroaniline	100	U	ND		95.4	ug/L		95	(32%-130%)		
p-Nitroaniline	100	U	ND		100	ug/L		100	(33%-134%)		
**2,4,6-Tribromophenol	200		82.2		196	ug/L		98	(28%-113%)		
**2-Fluorobiphenyl	100		34.1		81.9	ug/L		82	(32%-102%)		
**2-Fluorophenol	200		35.4		122	ug/L		61	(15%-72%)		
**Nitrobenzene-d5	100		32.4		80.0	ug/L		80	(31%-100%)		
**Phenol-d5	200		23.4		105	ug/L		53	(15%-85%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
**p-Terphenyl-d14	100		26.6		65.9	ug/L		66	(20%-118%)	LL2	04/10/26 21:21
QC1206431269 771374001 MSD											
1,1'-Biphenyl	100	U	ND		65.8	ug/L	15	66	(0%-30%)		04/10/26 21:46
1,2,4,5-Tetrachlorobenzene	100	U	ND		64.6	ug/L	13	65	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		77.5	ug/L	19	78	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		79.5	ug/L	17	80	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		80.6	ug/L	19	81	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		77.6	ug/L	16	78	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		45.2	ug/L	12	45	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		86.4	ug/L	15	86	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		86.5	ug/L	14	86	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		83.6	ug/L	16	84	(0%-30%)		
2-Chloronaphthalene	100	U	ND		84.9	ug/L	7	85	(0%-30%)		
2-Chlorophenol	100	U	ND		68.2	ug/L	18	68	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		79.6	ug/L	18	80	(0%-30%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
2-Methylnaphthalene	100	U	ND		82.5	ug/L	12	83	(0%-30%)	LL2	04/10/26 21:46
2-Nitrophenol	100	U	ND		76.0	ug/L	16	76	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		61.7	ug/L	17	62	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		79.3	ug/L	16	79	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		81.0	ug/L	14	81	(0%-30%)		
4-Chloroaniline	100	U	ND		63.2	ug/L	17	63	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		84.2	ug/L	17	84	(0%-30%)		
4-Nitrophenol	100	U	ND		68.2	ug/L	18	68	(0%-30%)		
Acenaphthene	100	U	ND		78.2	ug/L	14	78	(0%-30%)		
Acenaphthylene	100	U	ND		71.2	ug/L	13	71	(0%-30%)		
Acetophenone	100	U	ND		66.6	ug/L	17	67	(0%-30%)		
Anthracene	100	U	ND		75.5	ug/L	15	76	(0%-30%)		
Atrazine	100	U	ND		56.2	ug/L	27	56	(0%-30%)		
Benzaldehyde	100	U	ND		53.6	ug/L	15	54	(0%-30%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Benzo(a)anthracene	100	U	ND		74.3	ug/L	16	74	(0%-30%)	LL2	04/10/26 21:46
Benzo(a)pyrene	100	U	ND		72.1	ug/L	19	72	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		83.8	ug/L	22	84	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		83.1	ug/L	12	83	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		77.5	ug/L	19	77	(0%-30%)		
Butylbenzylphthalate	100	U	ND		79.7	ug/L	20	80	(0%-30%)		
Carbazole	100	U	ND		82.9	ug/L	14	83	(0%-30%)		
Chrysene	100	U	ND		77.2	ug/L	16	77	(0%-30%)		
Di-n-butylphthalate	100	J	0.450		80.4	ug/L	16	80	(0%-30%)		
Di-n-octylphthalate	100	U	ND		82.2	ug/L	14	82	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		80.9	ug/L	11	81	(0%-30%)		
Dibenzofuran	100	U	ND		81.8	ug/L	13	82	(0%-30%)		
Diethylphthalate	100	U	ND		82.5	ug/L	13	82	(0%-30%)		
Dimethylphthalate	100	U	ND		80.6	ug/L	15	81	(0%-30%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Diphenylamine	100	U	ND		77.1	ug/L	16	77	(0%-30%)	LL2	04/10/26 21:46
Fluoranthene	100	U	ND		81.3	ug/L	14	81	(0%-30%)		
Fluorene	100	U	ND		78.6	ug/L	15	79	(0%-30%)		
Hexachlorobenzene	100	U	ND		79.6	ug/L	14	80	(0%-30%)		
Hexachlorobutadiene	100	U	ND		73.5	ug/L	12	74	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		31.4	ug/L	16	31	(0%-30%)		
Hexachloroethane	100	U	ND		65.4	ug/L	12	65	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		82.1	ug/L	12	82	(0%-30%)		
Isophorone	100	U	ND		65.8	ug/L	14	66	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		72.3	ug/L	16	72	(0%-30%)		
Naphthalene	100	U	ND		75.1	ug/L	11	75	(0%-30%)		
Nitrobenzene	100	U	ND		74.6	ug/L	11	75	(0%-30%)		
Pentachlorophenol	100	U	ND		90.8	ug/L	19	91	(0%-30%)		
Phenanthrene	100	U	ND		78.1	ug/L	15	78	(0%-30%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2974972											
Phenol	100	U	ND		49.3	ug/L	20	49	(0%-30%)	LL2	04/10/26 21:46
Pyrene	100	U	ND		81.7	ug/L	14	82	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		71.2	ug/L	14	71	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		79.1	ug/L	12	79	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		69.7	ug/L	14	70	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		79.9	ug/L	18	80	(0%-30%)		
m,p-Cresols	100	U	ND		67.5	ug/L	17	68	(0%-30%)		
m-Nitroaniline	100	U	ND		77.5	ug/L	17	77	(0%-30%)		
o-Cresol	100	U	ND		67.8	ug/L	16	68	(0%-30%)		
o-Nitroaniline	100	U	ND		83.5	ug/L	13	83	(0%-30%)		
p-Nitroaniline	100	U	ND		86.9	ug/L	14	87	(0%-30%)		
**2,4,6-Tribromophenol	200		82.2		158	ug/L		79	(28%-113%)		
**2-Fluorobiphenyl	100		34.1		70.3	ug/L		70	(32%-102%)		
**2-Fluorophenol	200		35.4		101	ug/L		50	(15%-72%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2974972										
**Nitrobenzene-d5	100	32.4		70.0	ug/L		70	(31%-100%)	LL2	04/10/26 21:46
**Phenol-d5	200	23.4		84.4	ug/L		42	(15%-85%)		
**p-Terphenyl-d14	100	26.6		58.9	ug/L		59	(20%-118%)		
Semi-Volatiles-PCB										
Batch 2979246										
QC1206438587 LCS										
Aroclor-1016	1.00			0.801	ug/L		80	(70%-130%)	JXM	04/17/26 11:46
Aroclor-1260	1.00			0.832	ug/L		83	(70%-130%)		
**4cmx	0.200			0.148	ug/L		74	(28%-114%)		
**Decachlorobiphenyl	0.200			0.153	ug/L		76	(30%-135%)		
QC1206438586 MB										
Aroclor-1016			U	ND	ug/L					04/17/26 11:35
Aroclor-1221			U	ND	ug/L					
Aroclor-1232			U	ND	ug/L					
Aroclor-1242			U	ND	ug/L					
Aroclor-1248			U	ND	ug/L					
Aroclor-1254			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB											
Batch 2979246											
Aroclor-1260				U	ND	ug/L				JXM	04/17/26 11:35
Aroclor-1262				U	ND	ug/L					
Aroclor-1268				U	ND	ug/L					
**4cmx	0.200				0.141	ug/L		70	(28%-114%)		
**Decachlorobiphenyl	0.200				0.144	ug/L		72	(30%-135%)		
QC1206438588 772714003 MS											
Aroclor-1016	2.00	U	ND		1.62	ug/L		81	(36%-114%)		04/17/26 12:46
Aroclor-1260	2.00	U	ND		1.45	ug/L		72	(31%-121%)		
**4cmx	0.400		0.146		0.284	ug/L		71	(28%-114%)		
**Decachlorobiphenyl	0.400		0.130		0.186	ug/L		46	(30%-135%)		
QC1206438589 772714003 MSD											
Aroclor-1016	2.00	U	ND		1.64	ug/L	1	82	(0%-30%)		04/17/26 13:02
Aroclor-1260	2.00	U	ND		1.52	ug/L	5	76	(0%-31%)		
**4cmx	0.400		0.146		0.287	ug/L		72	(28%-114%)		
**Decachlorobiphenyl	0.400		0.130		0.204	ug/L		51	(30%-135%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2974186										
QC1206429811 LCS										
4,4'-DDD	1.25			1.32	ug/L		105	(70%-130%)	YS1	04/08/26 17:18
4,4'-DDE	1.25			1.13	ug/L		91	(70%-130%)		
4,4'-DDT	1.25			1.29	ug/L		103	(70%-130%)		
Aldrin	0.500			0.387	ug/L		77	(70%-130%)		
Dieldrin	1.25			1.22	ug/L		98	(70%-130%)		
Endosulfan I	0.500			0.533	ug/L		107	(70%-130%)		
Endosulfan II	1.25			1.23	ug/L		98	(70%-130%)		
Endosulfan sulfate	1.25			1.16	ug/L		93	(70%-130%)		
Endrin	1.25			1.29	ug/L		103	(70%-130%)		
Endrin aldehyde	1.25			1.29	ug/L		104	(70%-130%)		
Endrin ketone	1.25			1.34	ug/L		107	(70%-130%)		
Heptachlor	0.500			0.493	ug/L		99	(70%-130%)		
Heptachlor epoxide	0.500			0.537	ug/L		107	(70%-130%)		
Methoxychlor	5.00			5.48	ug/L		110	(70%-130%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2974186										
alpha-BHC	0.500			0.528	ug/L		106	(70%-130%)	YS1	04/08/26 17:18
beta-BHC	0.500			0.489	ug/L		98	(70%-130%)		
cis-Chlordane	0.500			0.464	ug/L		93	(70%-130%)		
delta-BHC	0.500			0.543	ug/L		109	(70%-130%)		
gamma-BHC (Lindane)	0.500			0.526	ug/L		105	(70%-130%)		
trans-Chlordane	0.500			0.462	ug/L		92	(70%-130%)		
**4cmx	1.00			0.833	ug/L		83	(29%-119%)		
**Decachlorobiphenyl	1.00			0.950	ug/L		95	(43%-140%)		
QC1206429814 LCS										
Toxaphene	4.00			4.00	ug/L		100	(70%-130%)		04/08/26 17:33
**4cmx	1.00			0.855	ug/L		85	(29%-119%)		
**Decachlorobiphenyl	1.00			0.955	ug/L		95	(43%-140%)		
QC1206429810 MB										
4,4'-DDD			U	ND	ug/L					04/08/26 17:03
4,4'-DDE			U	ND	ug/L					
4,4'-DDT			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2974186										
Aldrin			U	ND	ug/L				YS1	04/08/26 17:03
Dieldrin			U	ND	ug/L					
Endosulfan I			U	ND	ug/L					
Endosulfan II			U	ND	ug/L					
Endosulfan sulfate			U	ND	ug/L					
Endrin			U	ND	ug/L					
Endrin aldehyde			U	ND	ug/L					
Endrin ketone			U	ND	ug/L					
Heptachlor			U	ND	ug/L					
Heptachlor epoxide			U	ND	ug/L					
Methoxychlor			U	ND	ug/L					
Toxaphene			U	ND	ug/L					
alpha-BHC			U	ND	ug/L					
beta-BHC			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2974186											
cis-Chlordane				U	ND	ug/L				YS1	04/08/26 17:03
delta-BHC				U	ND	ug/L					
gamma-BHC (Lindane)				U	ND	ug/L					
trans-Chlordane				U	ND	ug/L					
**4cmx	1.00				0.738	ug/L		74	(29%-119%)		
**Decachlorobiphenyl	1.00				0.844	ug/L		84	(43%-140%)		
QC1206429812 771154015 MS											
4,4'-DDD	2.50	U	ND		2.56	ug/L		103	(38%-152%)		04/08/26 18:18
4,4'-DDE	2.50	U	ND		2.50	ug/L		100	(34%-144%)		
4,4'-DDT	2.50	U	ND		2.70	ug/L		108	(33%-152%)		
Aldrin	1.00	U	ND		0.482	ug/L		48	(10%-146%)		
Dieldrin	2.50	U	ND		2.47	ug/L		99	(40%-144%)		
Endosulfan I	1.00	U	ND		0.944	ug/L		94	(35%-138%)		
Endosulfan II	2.50	U	ND		2.47	ug/L		99	(36%-145%)		
Endosulfan sulfate	2.50	U	ND		2.37	ug/L		95	(38%-150%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2974186											
Endrin	2.50	U	ND		2.62	ug/L		105	(34%-164%)	YS1	04/08/26 18:18
Endrin aldehyde	2.50	U	ND		2.54	ug/L		101	(37%-159%)		
Endrin ketone	2.50	U	ND		2.52	ug/L		101	(39%-144%)		
Heptachlor	1.00	U	ND		0.931	ug/L		93	(30%-143%)		
Heptachlor epoxide	1.00	U	ND		1.05	ug/L		105	(34%-148%)		
Methoxychlor	10.0	U	ND		9.96	ug/L		100	(32%-151%)		
alpha-BHC	1.00	U	ND		1.05	ug/L		105	(38%-146%)		
beta-BHC	1.00	U	ND		0.917	ug/L		92	(35%-138%)		
cis-Chlordane	1.00	U	ND		0.931	ug/L		93	(31%-141%)		
delta-BHC	1.00	U	ND		1.13	ug/L		113	(38%-149%)		
gamma-BHC (Lindane)	1.00	U	ND		1.03	ug/L		103	(34%-140%)		
trans-Chlordane	1.00	U	ND		0.931	ug/L		93	(32%-143%)		
**4cmx	2.00		0.853		1.63	ug/L		82	(29%-119%)		
**Decachlorobiphenyl	2.00		0.924		1.97	ug/L		99	(43%-140%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2974186											
QC1206429813 771154015 MSD											
4,4'-DDD	2.50	U	ND		2.65	ug/L	3	106	(0%-30%)	YS1	04/08/26 18:33
4,4'-DDE	2.50	U	ND		2.58	ug/L	3	103	(0%-30%)		
4,4'-DDT	2.50	U	ND		2.79	ug/L	3	112	(0%-30%)		
Aldrin	1.00	U	ND		0.541	ug/L	12	54	(0%-30%)		
Dieldrin	2.50	U	ND		2.59	ug/L	5	104	(0%-30%)		
Endosulfan I	1.00	U	ND		0.978	ug/L	4	98	(0%-30%)		
Endosulfan II	2.50	U	ND		2.57	ug/L	4	103	(0%-30%)		
Endosulfan sulfate	2.50	U	ND		2.46	ug/L	4	98	(0%-30%)		
Endrin	2.50	U	ND		2.73	ug/L	4	109	(0%-30%)		
Endrin aldehyde	2.50	U	ND		2.65	ug/L	4	106	(0%-30%)		
Endrin ketone	2.50	U	ND		2.61	ug/L	4	105	(0%-30%)		
Heptachlor	1.00	U	ND		1.02	ug/L	10	102	(0%-30%)		
Heptachlor epoxide	1.00	U	ND		1.16	ug/L	10	116	(0%-30%)		
Methoxychlor	10.0	U	ND		10.3	ug/L	3	103	(0%-30%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2974186											
alpha-BHC	1.00	U	ND		1.11	ug/L	6	111	(0%-30%)	YS1	04/08/26 18:33
beta-BHC	1.00	U	ND		0.955	ug/L	4	95	(0%-30%)		
cis-Chlordane	1.00	U	ND		0.974	ug/L	5	97	(0%-30%)		
delta-BHC	1.00	U	ND		1.20	ug/L	5	120	(0%-30%)		
gamma-BHC (Lindane)	1.00	U	ND		1.09	ug/L	6	109	(0%-30%)		
trans-Chlordane	1.00	U	ND		0.973	ug/L	4	97	(0%-30%)		
**4cmx	2.00		0.853		1.83	ug/L		92	(29%-119%)		
**Decachlorobiphenyl	2.00		0.924		2.04	ug/L		102	(43%-140%)		
Spectrometric Analysis											
Batch 2974009											
QC1206429450 771268001 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A			BR2	04/07/26 19:11
QC1206429452 771271003 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A				04/07/26 19:23
QC1206429449 LCS											
Hexavalent Chromium	0.0500				0.0498	mg/L		99.7	(85%-115%)		04/07/26 19:09
QC1206429448 MB											
Hexavalent Chromium				U	ND	mg/L					04/07/26 19:08

QC Summary

Workorder: 771271

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2974009											
QC1206429451 771268001 MS											
Hexavalent Chromium	0.0500	U	ND		0.0153	mg/L		30.6*	(85%-115%)	BR2	04/07/26 19:11
QC1206429453 771271003 MS											
Hexavalent Chromium	0.0500	U	ND		0.0487	mg/L		95.9	(85%-115%)		04/07/26 19:23
Volatile-GC/MS											
Batch 2977529											
QC1206435764 LCS											
1,1,1-Trichloroethane	50.0				42.7	ug/L		85	(70%-130%)	JA2	04/14/26 08:59
1,1,2,2-Tetrachloroethane	50.0				38.4	ug/L		77	(70%-130%)		
1,1,2-Trichloroethane	50.0				41.0	ug/L		82	(70%-130%)		
1,1-Dichloroethane	50.0				44.2	ug/L		88	(70%-130%)		
1,1-Dichloroethylene	50.0				50.1	ug/L		100	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				46.7	ug/L		93	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				46.7	ug/L		93	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				39.2	ug/L		78	(70%-130%)		
1,2-Dibromoethane	50.0				45.2	ug/L		90	(70%-130%)		
1,2-Dichlorobenzene	50.0				41.7	ug/L		83	(70%-130%)		
1,2-Dichloroethane	50.0				45.7	ug/L		91	(70%-130%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
1,2-Dichloropropane	50.0			43.6	ug/L		87	(70%-130%)	JA2	04/14/26 08:59
1,3-Dichlorobenzene	50.0			41.0	ug/L		82	(70%-130%)		
1,4-Dichlorobenzene	50.0			39.5	ug/L		79	(70%-130%)		
2-Butanone	250			218	ug/L		87	(70%-130%)		
2-Hexanone	250			230	ug/L		92	(70%-130%)		
4-Methyl-2-pentanone	250			229	ug/L		91	(70%-130%)		
Acetone	250			191	ug/L		77	(70%-130%)		
Benzene	50.0			40.9	ug/L		82	(70%-130%)		
Bromochloromethane	50.0			44.7	ug/L		89	(70%-130%)		
Bromodichloromethane	50.0			46.5	ug/L		93	(70%-130%)		
Bromoform	50.0			41.3	ug/L		83	(70%-130%)		
Bromomethane	50.0			55.7	ug/L		111	(70%-130%)		
Carbon disulfide	250			215	ug/L		86	(70%-130%)		
Carbon tetrachloride	50.0			43.8	ug/L		88	(70%-130%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Chlorobenzene	50.0			38.9	ug/L		78	(70%-130%)	JA2	04/14/26 08:59
Chloroethane	50.0			49.2	ug/L		98	(70%-130%)		
Chloroform	50.0			43.5	ug/L		87	(70%-130%)		
Chloromethane	50.0			49.8	ug/L		100	(70%-130%)		
Cyclohexane	50.0			47.5	ug/L		95	(70%-130%)		
Dibromochloromethane	50.0			46.7	ug/L		93	(70%-130%)		
Dichlorodifluoromethane	50.0			49.7	ug/L		99	(70%-130%)		
Ethylbenzene	50.0			40.4	ug/L		81	(70%-130%)		
Isopropylbenzene	50.0			45.8	ug/L		92	(70%-130%)		
Methyl acetate	250			217	ug/L		87	(70%-130%)		
Methylcyclohexane	50.0			44.8	ug/L		90	(70%-130%)		
Methylene chloride	50.0		B	41.6	ug/L		83	(70%-130%)		
Styrene	50.0			38.7	ug/L		77	(70%-130%)		
Tetrachloroethylene	50.0			40.4	ug/L		81	(70%-130%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Toluene	50.0			39.1	ug/L		78	(70%-130%)	JA2	04/14/26 08:59
Trichloroethylene	50.0			44.9	ug/L		90	(70%-130%)		
Trichlorofluoromethane	50.0			46.2	ug/L		92	(70%-130%)		
Vinyl chloride	50.0			52.2	ug/L		104	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			47.4	ug/L		95	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			40.4	ug/L		81	(70%-130%)		
m,p-Xylenes	100			86.3	ug/L		86	(70%-130%)		
o-Xylene	50.0			45.2	ug/L		90	(70%-130%)		
tert-Butyl methyl ether	50.0			43.3	ug/L		87	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			47.2	ug/L		94	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			38.9	ug/L		78	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			53.5	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0			51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0			48.2	ug/L		96	(77%-121%)		

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
QC1206435765 LCS										
1,4-Dioxane	2500			2370	ug/L		95	(70%-130%)	JA2	04/14/26 09:50
Trichlorotrifluoroethane	250			238	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			55.7	ug/L		111	(71%-131%)		
**Bromofluorobenzene	50.0			53.3	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			49.2	ug/L		98	(77%-121%)		
QC1206435766 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/14/26 11:07
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2977529											
1,2-Dichlorobenzene			U	ND	ug/L				JA2	04/14/26	11:07
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						
Bromodichloromethane			U	ND	ug/L						
Bromoform			U	ND	ug/L						

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Bromomethane			U	ND	ug/L				JA2	04/14/26 11:07
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2977529										
Methylene chloride			J	1.46	ug/L				JA2	04/14/26 11:07
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
trans-1,3-Dichloropropylene				U	ND	ug/L				JA2	04/14/26 11:07
**1,2-Dichloroethane-d4	50.0				51.6	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0				49.0	ug/L		98	(77%-123%)		
**Toluene-d8	50.0				48.1	ug/L		96	(77%-121%)		
QC1206435767 771102002 MS											
1,1,1-Trichloroethane	50.0	U	ND		45.1	ug/L		90	(60%-123%)		04/14/26 18:21
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.8	ug/L		82	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		43.9	ug/L		88	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		46.5	ug/L		93	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		49.4	ug/L		99	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		45.2	ug/L		90	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.3	ug/L		83	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		48.4	ug/L		97	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		43.5	ug/L		87	(58%-123%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
1,2-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(58%-130%)	JA2	04/14/26 18:21
1,2-Dichloropropane	50.0	U	ND		46.2	ug/L		92	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		42.6	ug/L		85	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		41.2	ug/L		82	(54%-123%)		
2-Butanone	250	U	ND		233	ug/L		93	(59%-136%)		
2-Hexanone	250	U	ND		251	ug/L		101	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		240	ug/L		96	(63%-135%)		
Acetone	250	J	2.81		202	ug/L		80	(50%-140%)		
Benzene	50.0	U	ND		43.7	ug/L		87	(64%-119%)		
Bromochloromethane	50.0	U	ND		48.0	ug/L		96	(63%-130%)		
Bromodichloromethane	50.0	U	ND		48.1	ug/L		96	(65%-125%)		
Bromoform	50.0	U	ND		42.1	ug/L		84	(49%-129%)		
Bromomethane	50.0	U	ND		56.5	ug/L		113	(55%-154%)		
Carbon disulfide	250	U	ND		225	ug/L		90	(60%-139%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Carbon tetrachloride	50.0	U	ND		45.7	ug/L		91	(60%-127%)	JA2	04/14/26 18:21
Chlorobenzene	50.0	U	ND		41.9	ug/L		84	(61%-120%)		
Chloroethane	50.0	U	ND		46.3	ug/L		93	(60%-138%)		
Chloroform	50.0	U	ND		45.7	ug/L		91	(64%-122%)		
Chloromethane	50.0	U	ND		45.7	ug/L		91	(43%-161%)		
Cyclohexane	50.0	U	ND		47.1	ug/L		94	(51%-125%)		
Dibromochloromethane	50.0	U	ND		50.1	ug/L		100	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		46.6	ug/L		93	(37%-162%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L		85	(57%-122%)		
Isopropylbenzene	50.0	U	ND		46.5	ug/L		93	(53%-128%)		
Methyl acetate	250	U	ND		222	ug/L		89	(58%-145%)		
Methylcyclohexane	50.0	U	ND		45.0	ug/L		90	(58%-122%)		
Methylene chloride	50.0	BJ	1.04	B	43.6	ug/L		85	(61%-135%)		
Styrene	50.0	U	ND		41.7	ug/L		83	(55%-125%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Tetrachloroethylene	50.0	U	ND		41.8	ug/L		84	(53%-124%)	JA2	04/14/26 18:21
Toluene	50.0	U	ND		41.4	ug/L		83	(60%-120%)		
Trichloroethylene	50.0	U	ND		45.6	ug/L		91	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		42.8	ug/L		86	(51%-134%)		
Vinyl chloride	50.0	U	ND		45.4	ug/L		91	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L		100	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		41.2	ug/L		82	(61%-123%)		
m,p-Xylenes	100	U	ND		91.3	ug/L		91	(58%-122%)		
o-Xylene	50.0	U	ND		48.2	ug/L		96	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		43.4	ug/L		87	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		48.3	ug/L		97	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		40.2	ug/L		80	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		51.3		52.6	ug/L		105	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		48.5	ug/L		97	(77%-123%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
**Toluene-d8	50.0		48.2		47.4	ug/L		95	(77%-121%)	JA2	04/14/26 18:21
QC1206435769 771102002 MS											
1,4-Dioxane	2500	U	ND		2490	ug/L		100	(50%-136%)		04/14/26 19:12
Trichlorotrifluoroethane	250	U	ND		249	ug/L		99	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		51.3		55.8	ug/L		112	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		53.3	ug/L		107	(77%-123%)		
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)		
QC1206435768 771102002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.9	ug/L	0	90	(0%-20%)		04/14/26 18:47
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.5	ug/L	1	81	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		43.8	ug/L	0	88	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		46.6	ug/L	0	93	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		52.9	ug/L	7	106	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.5	ug/L	0	83	(0%-20%)	JA2	04/14/26 18:47
1,2-Dibromoethane	50.0	U	ND		47.6	ug/L	1	95	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		42.8	ug/L	1	86	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		48.7	ug/L	0	97	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		46.9	ug/L	2	94	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		42.0	ug/L	1	84	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		40.5	ug/L	2	81	(0%-20%)		
2-Butanone	250	U	ND		237	ug/L	2	95	(0%-20%)		
2-Hexanone	250	U	ND		254	ug/L	1	101	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		244	ug/L	2	98	(0%-20%)		
Acetone	250	J	2.81		205	ug/L	1	81	(0%-20%)		
Benzene	50.0	U	ND		43.2	ug/L	1	86	(0%-20%)		
Bromochloromethane	50.0	U	ND		47.0	ug/L	2	94	(0%-20%)		
Bromodichloromethane	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Bromoform	50.0	U	ND		42.4	ug/L	1	85	(0%-20%)	JA2	04/14/26 18:47
Bromomethane	50.0	U	ND		58.6	ug/L	4	117	(0%-20%)		
Carbon disulfide	250	U	ND		230	ug/L	2	92	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		46.4	ug/L	2	93	(0%-20%)		
Chlorobenzene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		
Chloroethane	50.0	U	ND		48.7	ug/L	5	97	(0%-20%)		
Chloroform	50.0	U	ND		45.5	ug/L	0	91	(0%-20%)		
Chloromethane	50.0	U	ND		50.6	ug/L	10	101	(0%-20%)		
Cyclohexane	50.0	U	ND		50.1	ug/L	6	100	(0%-20%)		
Dibromochloromethane	50.0	U	ND		49.4	ug/L	1	99	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		49.2	ug/L	5	98	(0%-20%)		
Ethylbenzene	50.0	U	ND		42.7	ug/L	0	85	(0%-20%)		
Isopropylbenzene	50.0	U	ND		47.8	ug/L	3	96	(0%-20%)		
Methyl acetate	250	U	ND		226	ug/L	2	90	(0%-20%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
Methylcyclohexane	50.0	U	ND		46.6	ug/L	3	93	(0%-20%)	JA2	04/14/26 18:47
Methylene chloride	50.0	BJ	1.04	B	43.3	ug/L	1	85	(0%-20%)		
Styrene	50.0	U	ND		41.0	ug/L	2	82	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		41.9	ug/L	0	84	(0%-20%)		
Toluene	50.0	U	ND		41.9	ug/L	1	84	(0%-20%)		
Trichloroethylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		45.2	ug/L	5	90	(0%-20%)		
Vinyl chloride	50.0	U	ND		51.5	ug/L	13	103	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		50.2	ug/L	0	100	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		42.7	ug/L	4	85	(0%-20%)		
m,p-Xylenes	100	U	ND		90.0	ug/L	1	90	(0%-20%)		
o-Xylene	50.0	U	ND		47.3	ug/L	2	95	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		44.8	ug/L	3	90	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		49.6	ug/L	3	99	(0%-20%)		

QC Summary

Workorder: **771271**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2977529											
trans-1,3-Dichloropropylene	50.0	U	ND		40.8	ug/L	2	82	(0%-20%)	JA2	04/14/26 18:47
**1,2-Dichloroethane-d4	50.0		51.3		53.0	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		50.7	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		48.2		48.6	ug/L		97	(77%-121%)		
QC1206435770 771102002 MSD											
1,4-Dioxane	2500	U	ND		2480	ug/L	1	99	(0%-20%)		04/14/26 19:38
Trichlorotrifluoroethane	250	U	ND		226	ug/L	10	90	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		51.3		54.2	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0		48.4		52.1	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		48.2		48.9	ug/L		98	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
E	E	Concentration of the target analyte exceeds the instrument calibration range
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
J	J	Value is estimated
E	E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria
B	B	The target analyte was detected in the associated blank.

QC Summary

Workorder: **771271**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page _____ of _____
Project # RVDE00425
GEL Quote # GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 771271 GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St., Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL metals + Hg	Dissolved TAL metals + Hg *	Total Cr6	Dissolved Cr6 *	Cyanide	PFAS 1633	TCL PCBs	TCL Pesticides
LS-TB-040726	04.07.26	0800	TB	N	DI			3	3									
LS-MW-24	↓	1220	N	N*	GW			18	3	2	1	1	1	1	1	4	2	2
LS-MW-24-DP	↓	1222	N	N*	GW			18	3	2	1	1	1	1	1	4	2	2

Sample Analysis Requested (5) (Fill in the number of containers for each test) <-- Preservative Type (6)

Comments: Note: extra sample is required for sample specific QC

* Dissolved
TAL Metals + Cr6 filtered in field

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	4-7-26	1630	Garrett Roff	4/7/26	1630
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: 5 °C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number - Client Determined

2) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite

3) Field Filtered: For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.

4) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Sediment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal

5) Sample Analysis Requested: Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B 7470A - 1)

6) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

7) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic, Hg= Mercury, Ba = Barium, Se= Selenium, Cd = Cadmium, Ag= Silver, Cr = Chromium, MR= Misc. RCRA metals, Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable, CO = Corrosive, RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste (F,K,P and U-listed wastes.) Waste code(s):

Other
OT= Other / Unknown (i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards. etc.) Description:

Please provide any additional details below regarding handling and/or disposal concerns. (i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 771271	GEL PM: JR
Received By: MY	Date Received at GEL: 4-7-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services (Courier) Client Other:

IR Temp gun #IR4-25 Daily Calibration Performed (Y)N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
	3				
	2				
	2				
	5				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?			✓	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review Initials AS Date 4/8/26

Continuation Form Required when selected

GL-CHL-SR-001 Rev 6

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771271

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2977529

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271001	LS-TB-040726
771271002	LS-MW-24
771271004	LS-MW-24-DP
1206435764	Laboratory Control Sample (LCS) **Batch 2977529**
1206435765	Laboratory Control Sample (LCS)
1206435766	Method Blank (MB)
1206435767	771102002(LS-TW-09) Matrix Spike (MS)
1206435768	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)
1206435769	771102002(LS-TW-09) Matrix Spike (MS)
1206435770	771102002(LS-TW-09) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206435766 (MB)	Methylene chloride	1.46 ug/L between (0.5 - 5)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2974972

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2974962

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271004	LS-MW-24-DP
1206431266	Method Blank (MB) **Batch 2974972**
1206431267	Laboratory Control Sample (LCS)
1206431268	771374001(NonSDG) Matrix Spike (MS)
1206431269	771374001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

LCMSMS-Misc

Product: **Extraction and Analysis of Per- and Polyfluoroalkyl (PFAS) Substances using LCMSMS by Method 1633/1633A**
Analytical Method: EPA 1633
Analytical Procedure: GL-OA-E-076D REV# 7
Analytical Batches: 2976456 and 2976455

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271004	LS-MW-24-DP
1206434043	Method Blank (MB) **Batch 2976456**
1206434044	Laboratory Control Sample (LCS)
1206434045	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Initial Calibration
Due to a software limitation, PFTrDA is quantitated using the average areas of the labeled compound 13C2-PFTeDA only.

Quality Control (QC) Information

Internal Standard (ISTD) Acceptance
The following internal standards recovered outside the acceptance range with a positive bias. The associated native target compound was a non-detect, therefore there is no effect on the quality of the data.

Sample	Analyte	Value
771271002 (LS-MW-24)	13C2_4:2 FTS Recovery	267* (40%-200%)
771271004 (LS-MW-24-DP)	13C2_4:2 FTS Recovery	265* (40%-200%)

Miscellaneous Information

Additional Comments
Total Suspended Solids (TSS) of 50 mg per sample are assessed by visual comparison.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2974186

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2974185

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271004	LS-MW-24-DP
1206429810	Method Blank (MB) **Batch 2974186**
1206429811	Laboratory Control Sample (LCS)
1206429812	771154015(NonSDG) Matrix Spike (MS)
1206429813	771154015(NonSDG) Matrix Spike Duplicate (MSD)
1206429814	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification (CCV) Requirements
Calibration verification standards (ICV or CCV) requirements have not been met for samples in this batch in this SDG. One or more target analytes failed acceptance criteria with a positive bias in the standards bracketing the samples in this SDG. These target analytes were not detected above the PQL in the associated environmental samples; therefore, the non-compliance had no adverse effect on the data.

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3535A/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2979246

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2979245

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271004	LS-MW-24-DP
1206438586	Method Blank (MB) **Batch 2979246**
1206438587	Laboratory Control Sample (LCS)
1206438588	772714003(NonSDG) Matrix Spike (MS)
1206438589	772714003(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other

high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations
Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206438587 (LCS)	Aroclor-1016	Result 0.801ug/L
	Aroclor-1260	Result 0.832ug/L
1206438589 (Non SDG 772714003MSD)	4cmx	Result 0.287ug/L
	Aroclor-1016	Result 1.64ug/L
	Aroclor-1260	Result 1.52ug/L

Additional Comments
The column 1 has been chosen as the primary column. The data are reported from the column 1 for all samples in this batch.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2974011

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2974010

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271003	LS-MW-24 Field Filtered
771271004	LS-MW-24-DP
771271005	LS-MW-24-DP
1206429454	Method Blank (MB)**ICP Batch 2974011**
1206429455	Laboratory Control Sample (LCS)
1206429459	771268001(LS-TW-07L) Serial Dilution (SD)
1206429456	771268001(LS-TW-07S) Matrix Spike (MS)
1206429457	771268001(LS-TW-07SD) Matrix Spike Duplicate (MSD)
1206429458	771268001(LS-TW-07PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206429456 (LS-TW-07MS)	Aluminum	312* (75%-125%)
	Iron	159* (75%-125%)
1206429457 (LS-TW-07MSD)	Aluminum	298* (75%-125%)
	Iron	146* (75%-125%)

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all the applicable analytes were within the established acceptance criteria. Matrix suppression may be suspected. The data has been qualified.

Sample	Analyte	Value
1206429459 (LS-TW-07SDILT)	Aluminum	25.9 *(0%-20%)
	Barium	22.4 *(0%-20%)
	Calcium	26 *(0%-20%)
	Iron	26.2 *(0%-20%)
	Manganese	25.9 *(0%-20%)
	Potassium	22.6 *(0%-20%)
	Sodium	25.5 *(0%-20%)

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2974138

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2974137

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271003	LS-MW-24 Field Filtered
771271004	LS-MW-24-DP
771271005	LS-MW-24-DP
1206429738	Method Blank (MB)**CVAA Batch 2974138**
1206429739	Laboratory Control Sample (LCS)
1206429740	771145001(NonSDGD) Sample Duplicate (DUP)
1206429741	771145001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2976224

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2976223

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271004	LS-MW-24-DP
1206433479	Method Blank (MB) **Batch 2976224**
1206433480	Laboratory Control Sample (LCS)
1206433483	771295004(NonSDG) Sample Duplicate (DUP)
1206433484	771295004(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Manual Integrations
Sample 1206433479 (MB) was manually integrated to correctly position the baseline as set in the calibration standards.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2974009

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771271002	LS-MW-24
771271003	LS-MW-24 Field Filtered
771271004	LS-MW-24-DP
771271005	LS-MW-24-DP
1206429448	Method Blank (MB) **Batch 2974009**
1206429449	Laboratory Control Sample (LCS)
1206429450	771268001(LS-TW-07) Sample Duplicate (DUP)
1206429451	771268001(LS-TW-07) Matrix Spike (MS)
1206429452	771271003(LS-MW-24 Field Filtered) Sample Duplicate (DUP)
1206429453	771271003(LS-MW-24 Field Filtered) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206429451 (LS-TW-07MS)	30.6* (85%-115%)

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

May 04, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771803

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 09, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771803 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names and correct the ID name for sample 771803012.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771803 GEL Work Order: 771803

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria

J Value is estimated

N/A RPD or %Recovery limits do not apply.

Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040926
Sample ID: 771803001
Matrix: Water
Collect Date: 09-APR-26 07:30
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1414	2981765	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040926 Project: RVDE00226C
Sample ID: 771803001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	1.19	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.3 ug/L	50.0	105	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	61.4 ug/L	50.0	123	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.7 ug/L	50.0	107	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04
Sample ID: 771803002
Matrix: Ground Water
Collect Date: 09-APR-26 12:10
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	04/21/26	1430	2976226	1
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1051	2976537	2
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1053	2975549	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		20.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		39500	50.0	200	ug/L	1.00	1					
Chromium	J	1.88	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	7.35	3.00	20.0	ug/L	1.00	1					
Iron	J	62.2	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		10500	110	300	ug/L	1.00	1					
Manganese		31.0	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3970	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8940	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	10.8	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.81	9.38	ug/L	0.000938	1	LL2	04/16/26	1907	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4,5-Trichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4,6-Trichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dimethylphenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dinitrophenol	U	ND	4.69	18.8	ug/L	0.000938	1					
2,4-Dinitrotoluene	U	ND	2.81	9.38	ug/L	0.000938	1					
2,6-Dinitrotoluene	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Chloronaphthalene	U	ND	0.385	0.938	ug/L	0.000938	1					
2-Chlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Methylnaphthalene	U	ND	0.281	0.938	ug/L	0.000938	1					
2-Nitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
3,3'-Dichlorobenzidine	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Bromophenylphenylether	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Chloro-3-methylphenol	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Chloroaniline	U	ND	3.09	9.38	ug/L	0.000938	1					
4-Chlorophenylphenylether	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Nitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Acenaphthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Acenaphthylene	U	ND	0.281	0.938	ug/L	0.000938	1					
Acetophenone	U	ND	2.81	9.38	ug/L	0.000938	1					
Anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Atrazine	U	ND	2.81	9.38	ug/L	0.000938	1					
Benzaldehyde	U	ND	2.81	9.38	ug/L	0.000938	1					
Benzo(a)anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(a)pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(b)fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(ghi)perylene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(k)fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Butylbenzylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Carbazole	U	ND	0.281	0.938	ug/L	0.000938	1					
Chrysene	U	ND	0.281	0.938	ug/L	0.000938	1					
Di-n-butylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Di-n-octylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Dibenzo(a,h)anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Dibenzofuran	U	ND	2.81	9.38	ug/L	0.000938	1					
Diethylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Dimethylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Diphenylamine	U	ND	2.81	9.38	ug/L	0.000938	1					
Fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Fluorene	U	ND	0.281	0.938	ug/L	0.000938	1					
Hexachlorobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachlorobutadiene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachlorocyclopentadiene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachloroethane	U	ND	2.81	9.38	ug/L	0.000938	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Isophorone	U	ND	3.28	9.38	ug/L	0.000938	1					
N-Nitrosodipropylamine	U	ND	2.81	9.38	ug/L	0.000938	1					
Naphthalene	U	ND	0.281	0.938	ug/L	0.000938	1					
Nitrobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
Pentachlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Phenanthrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Phenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Chloroethoxy)methane	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Chloroethyl) ether	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
m,p-Cresols	U	ND	3.47	9.38	ug/L	0.000938	1					
m-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
o-Cresol	U	ND	2.81	9.38	ug/L	0.000938	1					
o-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
p-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0311	0.0934	ug/L	0.000934	1	JXM	04/17/26	1453	2979246	5
Aroclor-1221	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1232	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1242	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1248	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1254	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1260	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1262	U	ND	0.0311	0.0934	ug/L	0.000934	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1268	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00944	0.0377	ug/L	0.00472	1	YS1	04/17/26	1157	2979097	7
4,4'-DDE	U	ND	0.00944	0.0377	ug/L	0.00472	1					
4,4'-DDT	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Aldrin	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Dieldrin	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endosulfan I	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Endosulfan II	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endosulfan sulfate	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endrin	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endrin aldehyde	U	ND	0.00627	0.0377	ug/L	0.00472	1					
Endrin ketone	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Heptachlor	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Heptachlor epoxide	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Methoxychlor	U	ND	0.0472	0.189	ug/L	0.00472	1					
Toxaphene	U	ND	0.142	0.472	ug/L	0.00472	1					
alpha-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
beta-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
cis-Chlordane	U	ND	0.00627	0.0189	ug/L	0.00472	1					
delta-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
gamma-BHC (Lindane)	U	ND	0.00627	0.0189	ug/L	0.00472	1					
trans-Chlordane	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	8
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1440	2981765	9
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	1.00	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		1.01	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3535A	SW3535A Pesticides SPE Extraction	TH1	04/16/26	1120	2979095
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 9010C Distillation	SW846 9010C Prep	GP1	04/21/26	1347	2976225
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	04/17/26	0530	2979245
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3535A	SW3535A Pesticides SPE Extraction	KC1	04/13/26	1246	2976786

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 3535A/8082A	
6	SW846 3535A/8081B	
7	SW846 3535A/8081B	
8	SW846 7196A	
9	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.4 ug/L	46.9	63	(31%-100%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
2-Fluorobiphenyl		8270 TCL BNA "As Received"		29.8	ug/L	46.9		63			(32%-102%)
p-Terphenyl-d14		8270 TCL BNA "As Received"		18.8	ug/L	46.9		40			(20%-118%)
2,4,6-Tribromophenol		8270 TCL BNA "As Received"		61.8	ug/L	93.8		66			(28%-113%)
Phenol-d5		8270 TCL BNA "As Received"		19.1	ug/L	93.8		20			(15%-85%)
2-Fluorophenol		8270 TCL BNA "As Received"		28.0	ug/L	93.8		30			(15%-72%)
Decachlorobiphenyl		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.127	ug/L	0.187		68			(30%-135%)
4cmx		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.144	ug/L	0.187		77			(28%-114%)
4cmx		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.760	ug/L	0.944		81			(29%-119%)
Decachlorobiphenyl		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.764	ug/L	0.944		81			(43%-140%)
Bromofluorobenzene		SW846 8260 TCL Volatiles "As Received"		51.5	ug/L	50.0		103			(77%-123%)
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "As Received"		61.6	ug/L	50.0		123			(71%-131%)
Toluene-d8		SW846 8260 TCL Volatiles "As Received"		53.4	ug/L	50.0		107			(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	771803003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 12:10		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1052	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1107	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		22.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		43600	50.0	200	ug/L	1.00	1					
Chromium	J	2.81	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		11600	110	300	ug/L	1.00	1					
Manganese		33.8	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4360	50.0	250	ug/L	1.00	1					
Selenium	J	6.35	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		10100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.21	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	771803003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 13:35		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1054	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	2.26	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1110	2975549	2
Sodium		78000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		11700	340	1000	ug/L	1.00	5	EM2	04/15/26	1153	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	U	ND	25.0	150	ug/L	1.00	5					
Barium		56.7	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		769000	250	1000	ug/L	1.00	5					
Chromium	J	16.1	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	31.7	15.0	100	ug/L	1.00	5					
Iron		661000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		205000	550	1500	ug/L	1.00	5					
Manganese		33300	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		50500	250	1250	ug/L	1.00	5					
Selenium	J	87.2	30.0	150	ug/L	1.00	5					
Silver	J	9.28	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	65.5	16.5	100	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.45	ug/L	0.000945	1	LL2	04/16/26	1930	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dimethylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dinitrophenol	U	ND	4.73	18.9	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,6-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Chloronaphthalene	U	ND	0.388	0.945	ug/L	0.000945	1					
2-Chlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methylnaphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
2-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Bromophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloroaniline	U	ND	3.12	9.45	ug/L	0.000945	1					
4-Chlorophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Acenaphthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acenaphthylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acetophenone	U	ND	2.84	9.45	ug/L	0.000945	1					
Anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Atrazine	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzaldehyde	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzo(a)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(a)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(b)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(ghi)perylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(k)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Butylbenzylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Carbazole	U	ND	0.284	0.945	ug/L	0.000945	1					
Chrysene	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-butylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-octylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzofuran	U	ND	2.84	9.45	ug/L	0.000945	1					
Diethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dimethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Diphenylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Fluorene	U	ND	0.284	0.945	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorobutadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachloroethane	U	ND	2.84	9.45	ug/L	0.000945	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Isophorone	U	ND	3.31	9.45	ug/L	0.000945	1					
N-Nitrosodipropylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Naphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
Nitrobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Pentachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Phenanthrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Phenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
m,p-Cresols	U	ND	3.50	9.45	ug/L	0.000945	1					
m-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Cresol	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
p-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1505	2981765	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.830	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	28.5 ug/L	47.3	60	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.5 ug/L	47.3	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.5 ug/L	47.3	24	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	68.5 ug/L	94.5	73	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	26.6 ug/L	94.5	28	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	29.0 ug/L	94.5	31	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	63.8 ug/L	50.0	128	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.9 ug/L	50.0	108	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Field Filtered
Sample ID: 771803005
Matrix: Ground Water
Collect Date: 09-APR-26 13:35
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1056	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	1.66	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1113	2975549	2
Sodium		75200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		7180	340	1000	ug/L	1.00	5	EM2	04/15/26	1156	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	J	31.6	25.0	150	ug/L	1.00	5					
Barium		60.1	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		793000	250	1000	ug/L	1.00	5					
Chromium	J	16.6	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	33.6	15.0	100	ug/L	1.00	5					
Iron		679000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		214000	550	1500	ug/L	1.00	5					
Manganese		35000	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		52800	250	1250	ug/L	1.00	5					
Selenium	J	76.8	30.0	150	ug/L	1.00	5					
Silver	J	7.05	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	61.6	16.5	100	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22 Field Filtered	Project:	RVDE00226C
Sample ID:	771803005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Matrix: Ground Water
Collect Date: 09-APR-26 13:37
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1057	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	2.18	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1135	2975549	2
Sodium		76700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		12400	340	1000	ug/L	1.00	5	EM2	04/15/26	1158	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	J	29.2	25.0	150	ug/L	1.00	5					
Barium		61.9	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		836000	250	1000	ug/L	1.00	5					
Chromium	J	24.5	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	36.2	15.0	100	ug/L	1.00	5					
Iron		716000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		223000	550	1500	ug/L	1.00	5					
Manganese		36200	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		54900	250	1250	ug/L	1.00	5					
Selenium	J	149	30.0	150	ug/L	1.00	5					
Silver	J	7.22	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	65.2	16.5	100	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.83	9.42	ug/L	0.000942	1	LL2	04/16/26	1953	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,5-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,6-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dimethylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dinitrophenol	U	ND	4.71	18.8	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,6-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Chloronaphthalene	U	ND	0.386	0.942	ug/L	0.000942	1					
2-Chlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methylnaphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
2-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
3,3'-Dichlorobenzidine	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Bromophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloro-3-methylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloroaniline	U	ND	3.11	9.42	ug/L	0.000942	1					
4-Chlorophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Acenaphthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acenaphthylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acetophenone	U	ND	2.83	9.42	ug/L	0.000942	1					
Anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Atrazine	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzaldehyde	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzo(a)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(a)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(b)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(ghi)perylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(k)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Butylbenzylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Carbazole	U	ND	0.283	0.942	ug/L	0.000942	1					
Chrysene	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-butylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-octylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzo(a,h)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzofuran	U	ND	2.83	9.42	ug/L	0.000942	1					
Diethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dimethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Diphenylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Fluorene	U	ND	0.283	0.942	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorobutadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorocyclopentadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachloroethane	U	ND	2.83	9.42	ug/L	0.000942	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Isophorone	U	ND	3.30	9.42	ug/L	0.000942	1					
N-Nitrosodipropylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Naphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
Nitrobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Pentachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Phenanthrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Phenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethoxy)methane	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethyl) ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
m,p-Cresols	U	ND	3.49	9.42	ug/L	0.000942	1					
m-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Cresol	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
p-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00525	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1530	2981765	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.880	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/21/26	1309	2982749
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	22.5 ug/L	47.1	48	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.2 ug/L	47.1	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	8.60 ug/L	47.1	18*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	49.8 ug/L	94.2	53	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	28.0 ug/L	94.2	30	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	25.7 ug/L	94.2	27	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	65.2 ug/L	50.0	130	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	54.1 ug/L	50.0	108	(77%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22-DP	Project:	RVDE00226C
Sample ID:	771803006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP Field Filtered
Sample ID: 771803007
Matrix: Ground Water
Collect Date: 09-APR-26 13:37
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1059	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	1.74	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1137	2975549	2
Sodium		77100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		8990	340	1000	ug/L	1.00	5	EM2	04/15/26	1201	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	U	ND	25.0	150	ug/L	1.00	5					
Barium		71.2	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		960000	250	1000	ug/L	1.00	5					
Chromium	J	16.4	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	42.9	15.0	100	ug/L	1.00	5					
Iron		820000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		260000	550	1500	ug/L	1.00	5					
Manganese		41600	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		63700	250	1250	ug/L	1.00	5					
Selenium	J	125	30.0	150	ug/L	1.00	5					
Silver	J	9.61	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	66.6	16.5	100	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22-DP Field Filtered	Project:	RVDE00226C
Sample ID:	771803007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06
Sample ID: 771803008
Matrix: Surface Water
Collect Date: 09-APR-26 14:00
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1101	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	94.0	68.0	200	ug/L	1.00	1	EM2	04/15/26	1140	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		63400	50.0	200	ug/L	1.00	1					
Chromium	J	2.92	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	82.5	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14900	110	300	ug/L	1.00	1					
Manganese		21.9	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9470	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17500	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.81	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.58	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.86	9.55	ug/L	0.000955	1	LL2	04/16/26	2016	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4,5-Trichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4,6-Trichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dimethylphenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dinitrophenol	U	ND	4.77	19.1	ug/L	0.000955	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.86	9.55	ug/L	0.000955	1					
2,6-Dinitrotoluene	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Chloronaphthalene	U	ND	0.391	0.955	ug/L	0.000955	1					
2-Chlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Methylnaphthalene	U	ND	0.286	0.955	ug/L	0.000955	1					
2-Nitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
3,3'-Dichlorobenzidine	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Bromophenylphenylether	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Chloro-3-methylphenol	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Chloroaniline	U	ND	3.15	9.55	ug/L	0.000955	1					
4-Chlorophenylphenylether	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Nitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Acenaphthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Acenaphthylene	U	ND	0.286	0.955	ug/L	0.000955	1					
Acetophenone	U	ND	2.86	9.55	ug/L	0.000955	1					
Anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Atrazine	U	ND	2.86	9.55	ug/L	0.000955	1					
Benzaldehyde	U	ND	2.86	9.55	ug/L	0.000955	1					
Benzo(a)anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(a)pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(b)fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(ghi)perylene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(k)fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Butylbenzylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Carbazole	U	ND	0.286	0.955	ug/L	0.000955	1					
Chrysene	U	ND	0.286	0.955	ug/L	0.000955	1					
Di-n-butylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Di-n-octylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Dibenzo(a,h)anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Dibenzofuran	U	ND	2.86	9.55	ug/L	0.000955	1					
Diethylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Dimethylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Diphenylamine	U	ND	2.86	9.55	ug/L	0.000955	1					
Fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Fluorene	U	ND	0.286	0.955	ug/L	0.000955	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachlorobutadiene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachlorocyclopentadiene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachloroethane	U	ND	2.86	9.55	ug/L	0.000955	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Isophorone	U	ND	3.34	9.55	ug/L	0.000955	1					
N-Nitrosodipropylamine	U	ND	2.86	9.55	ug/L	0.000955	1					
Naphthalene	U	ND	0.286	0.955	ug/L	0.000955	1					
Nitrobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
Pentachlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Phenanthrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Phenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Chloroethoxy)methane	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Chloroethyl) ether	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
m,p-Cresols	U	ND	3.53	9.55	ug/L	0.000955	1					
m-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
o-Cresol	U	ND	2.86	9.55	ug/L	0.000955	1					
o-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
p-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1555	2981765	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		7.26	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.840	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	33.2 ug/L	47.7	70	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	33.3 ug/L	47.7	70	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	19.3 ug/L	47.7	41	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	76.8 ug/L	95.5	80	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	21.4 ug/L	95.5	22	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	32.5 ug/L	95.5	34	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.0 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	64.5 ug/L	50.0	129	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	54.7 ug/L	50.0	109	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06	Project:	RVDE00226C
Sample ID:	771803008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Field Filtered
Sample ID: 771803009
Matrix: Surface Water
Collect Date: 09-APR-26 14:00
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1102	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	86.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1143	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		61700	50.0	200	ug/L	1.00	1					
Chromium	J	2.86	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	46.6	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14700	110	300	ug/L	1.00	1					
Manganese		20.1	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9260	50.0	250	ug/L	1.00	1					
Selenium	J	6.68	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.70	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.68	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06 Field Filtered	Project:	RVDE00226C
Sample ID:	771803009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Matrix: Surface Water
Collect Date: 09-APR-26 14:02
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1104	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	90.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1147	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		35.8	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		61000	50.0	200	ug/L	1.00	1					
Chromium	J	2.88	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	78.4	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14600	110	300	ug/L	1.00	1					
Manganese		21.5	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9160	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.05	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.29	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.58	ug/L	0.000958	1	LL2	04/16/26	2039	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dimethylphenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dinitrophenol	U	ND	4.79	19.2	ug/L	0.000958	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.58	ug/L	0.000958	1					
2,6-Dinitrotoluene	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Chloronaphthalene	U	ND	0.393	0.958	ug/L	0.000958	1					
2-Chlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Methylnaphthalene	U	ND	0.287	0.958	ug/L	0.000958	1					
2-Nitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Bromophenylphenylether	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Chloroaniline	U	ND	3.16	9.58	ug/L	0.000958	1					
4-Chlorophenylphenylether	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Nitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Acenaphthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Acenaphthylene	U	ND	0.287	0.958	ug/L	0.000958	1					
Acetophenone	U	ND	2.87	9.58	ug/L	0.000958	1					
Anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Atrazine	U	ND	2.87	9.58	ug/L	0.000958	1					
Benzaldehyde	U	ND	2.87	9.58	ug/L	0.000958	1					
Benzo(a)anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(a)pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(b)fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(ghi)perylene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(k)fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Butylbenzylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Carbazole	U	ND	0.287	0.958	ug/L	0.000958	1					
Chrysene	U	ND	0.287	0.958	ug/L	0.000958	1					
Di-n-butylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Di-n-octylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Dibenzofuran	U	ND	2.87	9.58	ug/L	0.000958	1					
Diethylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Dimethylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Diphenylamine	U	ND	2.87	9.58	ug/L	0.000958	1					
Fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Fluorene	U	ND	0.287	0.958	ug/L	0.000958	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachlorobutadiene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachloroethane	U	ND	2.87	9.58	ug/L	0.000958	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Isophorone	U	ND	3.35	9.58	ug/L	0.000958	1					
N-Nitrosodipropylamine	U	ND	2.87	9.58	ug/L	0.000958	1					
Naphthalene	U	ND	0.287	0.958	ug/L	0.000958	1					
Nitrobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
Pentachlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Phenanthrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Phenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
m,p-Cresols	U	ND	3.55	9.58	ug/L	0.000958	1					
m-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
o-Cresol	U	ND	2.87	9.58	ug/L	0.000958	1					
o-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
p-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1621	2981765	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		7.25	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.940	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	25.4 ug/L	47.9	53	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	25.1 ug/L	47.9	52	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.9 ug/L	47.9	25	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	56.6 ug/L	95.8	59	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.1 ug/L	95.8	19	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	27.0 ug/L	95.8	28	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.9 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	64.6 ug/L	50.0	129	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.6 ug/L	50.0	107	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06-DP	Project:	RVDE00226C
Sample ID:	771803010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803011
Matrix: Surface Water
Collect Date: 09-APR-26 14:02
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1105	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	86.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1150	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		64100	50.0	200	ug/L	1.00	1					
Chromium	J	3.10	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	49.1	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		15100	110	300	ug/L	1.00	1					
Manganese		20.6	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9600	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.92	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.54	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06-DP	Project:	RVDE00226C
Sample ID:	771803011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-03	Project:	RVDE00226C
Sample ID:	771803012	Client ID:	GEEL003
Matrix:	Solid		
Collect Date:	09-APR-26 14:20		
Receive Date:	09-APR-26		
Collector:	Client		
Moisture:	81%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	42.1	126	ug/kg	119	1	JP2	04/14/26	0945	2976729	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		19000000	34500	101000	ug/kg	96.2	1	EM2	04/14/26	1436	2975551	2
Antimony	U	ND	1670	10100	ug/kg	96.2	1					
Arsenic	J	4030	2540	15200	ug/kg	96.2	1					
Barium		95700	507	2540	ug/kg	96.2	1					
Beryllium	J	566	507	2540	ug/kg	96.2	1					
Cadmium	U	ND	507	2540	ug/kg	96.2	1					
Calcium		108000000	40600	127000	ug/kg	96.2	1					
Chromium		77500	761	5070	ug/kg	96.2	1					
Cobalt		3700	761	2540	ug/kg	96.2	1					
Copper		33300	1520	10100	ug/kg	96.2	1					
Iron		92300000	40600	127000	ug/kg	96.2	1					
Lead	J	9010	1670	10100	ug/kg	96.2	1					
Magnesium		4370000	43100	152000	ug/kg	96.2	1					
Manganese		915000	1010	5070	ug/kg	96.2	1					
Nickel		12800	761	2540	ug/kg	96.2	1					
Potassium		752000	32400	127000	ug/kg	96.2	1					
Selenium	J	10300	2540	15200	ug/kg	96.2	1					
Silver	U	ND	507	2540	ug/kg	96.2	1					
Sodium		267000	35500	127000	ug/kg	96.2	1					
Thallium	U	ND	2540	10100	ug/kg	96.2	1					
Vanadium		63100	507	2540	ug/kg	96.2	1					
Zinc		165000	2030	10100	ug/kg	96.2	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	526	1750	ug/kg	0.0333	1	LL2	04/16/26	1746	2978441	3
1,2,4,5-Tetrachlorobenzene	U	ND	526	1750	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	526	3510	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	526	1750	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	526	1750	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	526	1750	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	526	1750	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	702	1750	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	526	1750	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	526	1750	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
Acenaphthene	U	ND	52.6	175	ug/kg	0.0333	1					
Acenaphthylene	U	ND	52.6	175	ug/kg	0.0333	1					
Acetophenone	U	ND	526	1750	ug/kg	0.0333	1					
Anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Atrazine	U	ND	702	1750	ug/kg	0.0333	1					
Benzaldehyde	U	ND	526	1750	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Carbazole	U	ND	52.6	175	ug/kg	0.0333	1					
Chrysene	U	ND	52.6	175	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Dibenzofuran	U	ND	526	1750	ug/kg	0.0333	1					
Diethylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Diphenylamine	U	ND	526	1750	ug/kg	0.0333	1					
Fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Fluorene	U	ND	52.6	175	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachloroethane	U	ND	526	1750	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
Isophorone	U	ND	526	1750	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	526	1750	ug/kg	0.0333	1					
Naphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
Nitrobenzene	U	ND	526	1750	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
Phenanthrene	U	ND	52.6	175	ug/kg	0.0333	1					
Phenol	U	ND	526	1750	ug/kg	0.0333	1					
Pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	52.6	175	ug/kg	0.0333	1					
m,p-Cresols	U	ND	526	1750	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	526	1750	ug/kg	0.0333	1					
o-Cresol	U	ND	526	1750	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	579	1750	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	526	1750	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.811	2.03	mg/kg	38.5	1	BR2	04/22/26	1602	2980165	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	160	479	ug/kg	1.82	50	JM6	04/22/26	1508	2982825	5
1,1,2,2-Tetrachloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1,2-Trichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1-Dichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
1,2,3-Trichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2,4-Trichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2-Dibromo-3-chloropropane	U	ND	240	479	ug/kg	1.82	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichloropropane	U	ND	160	479	ug/kg	1.82	50					
1,3-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,4-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,4-Dioxane	U	ND	7990	24000	ug/kg	1.82	50					
2-Butanone	U	ND	799	2400	ug/kg	1.82	50					
2-Hexanone	U	ND	799	2400	ug/kg	1.82	50					
4-Methyl-2-pentanone	U	ND	799	2400	ug/kg	1.82	50					
Acetone	U	ND	799	2400	ug/kg	1.82	50					
Benzene	U	ND	160	479	ug/kg	1.82	50					
Bromochloromethane	U	ND	160	479	ug/kg	1.82	50					
Bromodichloromethane	U	ND	160	479	ug/kg	1.82	50					
Bromoform	U	ND	160	479	ug/kg	1.82	50					
Bromomethane	U	ND	160	479	ug/kg	1.82	50					
Carbon disulfide	U	ND	799	2400	ug/kg	1.82	50					
Carbon tetrachloride	U	ND	160	479	ug/kg	1.82	50					
Chlorobenzene	U	ND	160	479	ug/kg	1.82	50					
Chloroethane	U	ND	160	479	ug/kg	1.82	50					
Chloroform	U	ND	160	479	ug/kg	1.82	50					
Chloromethane	U	ND	160	479	ug/kg	1.82	50					
Cyclohexane	U	ND	160	479	ug/kg	1.82	50					
Dibromochloromethane	U	ND	160	479	ug/kg	1.82	50					
Dichlorodifluoromethane	U	ND	160	479	ug/kg	1.82	50					
Ethylbenzene	U	ND	160	479	ug/kg	1.82	50					
Isopropylbenzene	U	ND	160	479	ug/kg	1.82	50					
Methyl acetate	U	ND	799	2400	ug/kg	1.82	50					
Methylcyclohexane	U	ND	160	479	ug/kg	1.82	50					
Methylene chloride	U	ND	799	2400	ug/kg	1.82	50					
Styrene	U	ND	160	479	ug/kg	1.82	50					
Tetrachloroethylene	U	ND	160	479	ug/kg	1.82	50					
Toluene	U	ND	160	479	ug/kg	1.82	50					
Trichloroethylene	U	ND	160	479	ug/kg	1.82	50					
Trichlorofluoromethane	U	ND	160	479	ug/kg	1.82	50					
Trichlorotrifluoroethane	U	ND	799	2400	ug/kg	1.82	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	160	479	ug/kg	1.82	50					
cis-1,2-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
cis-1,3-Dichloropropylene	U	ND	160	479	ug/kg	1.82	50					
m,p-Xylenes	U	ND	320	959	ug/kg	1.82	50					
o-Xylene	U	ND	160	479	ug/kg	1.82	50					
tert-Butyl methyl ether	U	ND	160	479	ug/kg	1.82	50					
trans-1,2-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
trans-1,3-Dichloropropylene	U	ND	160	479	ug/kg	1.82	50					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/21/26	0759	2980308
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/13/26	1435	2976726
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	04/16/26	0545	2978440
SW846 3050B	SW846 3050B Prep	ES3	04/10/26	0845	2975550
SW846 5035	5035 Prep	JM6	04/22/26	1255	2982824
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	04/17/26	1639	2980164

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	7430 ug/kg	17500	42	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	7450 ug/kg	17500	42	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	7010 ug/kg	17500	40	(19%-94%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	3350 ug/kg	8770	38	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	3260 ug/kg	8770	37	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	4210 ug/kg	8770	48	(24%-107%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	24100 ug/kg	50.0	100	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	25200 ug/kg	50.0	105	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-03	Project:	RVDE00226C
Sample ID:	771803012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		23200	ug/kg	50.0		97		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: May 4, 2026

Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03
Sample ID: 771803012
Matrix: Solid
Collect Date: 09-APR-26
Receive Date: 09-APR-26
Collector: Client
Moisture: 81%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

QC Summary

Report Date: May 4, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Flow Injection Analysis										
Batch 2976226										
QC1206433491 771808001 DUP										
Cyanide, Total	U	ND	U	ND	ug/L	N/A			CH9	04/21/26 14:40
QC1206433488 LCS										
Cyanide, Total	50.0			49.1	ug/L		98.1	(90%-110%)		04/21/26 14:21
QC1206433487 MB										
Cyanide, Total			U	ND	ug/L					04/21/26 14:14
QC1206433492 771808001 MS										
Cyanide, Total	100 U	ND		99.5	ug/L		98.8	(52%-131%)		04/21/26 14:41
Metals Analysis-ICP										
Batch 2975549										
QC1206432303 LCS										
Aluminum	5000			4990	ug/L		99.9	(80%-120%)	EM2	04/15/26 10:51
Antimony	500			486	ug/L		97.1	(80%-120%)		
Arsenic	500			504	ug/L		101	(80%-120%)		
Barium	500			494	ug/L		98.8	(80%-120%)		
Beryllium	500			496	ug/L		99.3	(80%-120%)		
Cadmium	500			498	ug/L		99.5	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Calcium	5000			5100	ug/L		102	(80%-120%)	EM2	04/15/26 10:51
Chromium	500			507	ug/L		101	(80%-120%)		
Cobalt	500			498	ug/L		99.6	(80%-120%)		
Copper	500			495	ug/L		99	(80%-120%)		
Iron	5000			5070	ug/L		101	(80%-120%)		
Lead	500			508	ug/L		102	(80%-120%)		
Magnesium	5000			5170	ug/L		103	(80%-120%)		
Manganese	500			499	ug/L		99.8	(80%-120%)		
Nickel	500			498	ug/L		99.6	(80%-120%)		
Potassium	5000			4860	ug/L		97.3	(80%-120%)		
Selenium	500			485	ug/L		96.9	(80%-120%)		
Silver	100			97.6	ug/L		97.6	(80%-120%)		
Sodium	5000			4900	ug/L		97.9	(80%-120%)		
Thallium	500			500	ug/L		100	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Vanadium	500			500	ug/L		100	(80%-120%)	EM2	04/15/26 10:51
Zinc	500			484	ug/L		96.8	(80%-120%)		
QC1206432302 MB										
Aluminum			U	ND	ug/L					04/15/26 10:48
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			J	3.05	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Magnesium			U	ND	ug/L				EM2	04/15/26 10:48
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			J	50.9	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					
Sodium			U	ND	ug/L					
Thallium			U	ND	ug/L					
Vanadium			U	ND	ug/L					
Zinc			U	ND	ug/L					
QC1206432304 771803002 MS										
Aluminum	5000	U	ND	5130	ug/L		102	(75%-125%)		04/15/26 10:57
Antimony	500	U	ND	498	ug/L		99.5	(75%-125%)		
Arsenic	500	U	ND	518	ug/L		104	(75%-125%)		
Barium	500		20.5	511	ug/L		98	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Beryllium	500	U	ND		499	ug/L		99.8	(75%-125%)	EM2	04/15/26 10:57
Cadmium	500	U	ND		495	ug/L		98.9	(75%-125%)		
Calcium	5000		39500		44900	ug/L		N/A	(75%-125%)		
Chromium	500	J	1.88		505	ug/L		101	(75%-125%)		
Cobalt	500	U	ND		492	ug/L		98.3	(75%-125%)		
Copper	500	J	7.35		496	ug/L		97.7	(75%-125%)		
Iron	5000	J	62.2		5180	ug/L		102	(75%-125%)		
Lead	500	U	ND		504	ug/L		100	(75%-125%)		
Magnesium	5000		10500		15800	ug/L		106	(75%-125%)		
Manganese	500		31.0		525	ug/L		98.8	(75%-125%)		
Nickel	500	U	ND		489	ug/L		97.8	(75%-125%)		
Potassium	5000		3970		8980	ug/L		100	(75%-125%)		
Selenium	500	U	ND		504	ug/L		99.9	(75%-125%)		
Silver	100	U	ND		98.3	ug/L		98.1	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Sodium	5000		8940		14000	ug/L		101	(75%-125%)	EM2	04/15/26 10:57
Thallium	500	U	ND		494	ug/L		98.7	(75%-125%)		
Vanadium	500	U	ND		504	ug/L		101	(75%-125%)		
Zinc	500	J	10.8		492	ug/L		96.2	(75%-125%)		
QC1206432305 771803002 MSD											
Aluminum	5000	U	ND		5160	ug/L	0.476	102	(0%-20%)		04/15/26 10:59
Antimony	500	U	ND		502	ug/L	0.857	100	(0%-20%)		
Arsenic	500	U	ND		520	ug/L	0.354	104	(0%-20%)		
Barium	500		20.5		513	ug/L	0.407	98.4	(0%-20%)		
Beryllium	500	U	ND		500	ug/L	0.34	100	(0%-20%)		
Cadmium	500	U	ND		496	ug/L	0.267	99.2	(0%-20%)		
Calcium	5000		39500		46300	ug/L	3.24	N/A	(0%-20%)		
Chromium	500	J	1.88		510	ug/L	0.947	102	(0%-20%)		
Cobalt	500	U	ND		491	ug/L	0.183	98.1	(0%-20%)		
Copper	500	J	7.35		500	ug/L	0.712	98.4	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2975549												
Iron	5000	J	62.2		5210	ug/L	0.463	103	(0%-20%)	EM2	04/15/26	10:59
Lead	500	U	ND		503	ug/L	0.155	100	(0%-20%)			
Magnesium	5000		10500		15900	ug/L	0.954	109	(0%-20%)			
Manganese	500		31.0		529	ug/L	0.725	99.6	(0%-20%)			
Nickel	500	U	ND		489	ug/L	0.0124	97.8	(0%-20%)			
Potassium	5000		3970		9080	ug/L	1.1	102	(0%-20%)			
Selenium	500	U	ND		495	ug/L	1.75	98.1	(0%-20%)			
Silver	100	U	ND		98.5	ug/L	0.248	98.4	(0%-20%)			
Sodium	5000		8940		14200	ug/L	1.05	104	(0%-20%)			
Thallium	500	U	ND		496	ug/L	0.553	99.3	(0%-20%)			
Vanadium	500	U	ND		508	ug/L	0.724	102	(0%-20%)			
Zinc	500	J	10.8		492	ug/L	0.0834	96.3	(0%-20%)			
QC1206432307 771803002 SDILT												
Aluminum		U	ND	U	ND	ug/L	N/A		(0%-20%)		04/15/26	11:04
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Arsenic	U	ND	U	ND	ug/L	N/A			(0%-20%)	EM2	04/15/26 11:04
Barium		20.5		20.5	ug/L	399			(0%-20%)		
Beryllium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Calcium		39500	E	40200	ug/L	409	*		(0%-20%)		
Chromium	J	1.88	J	2.72	ug/L	625			(0%-20%)		
Cobalt	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Copper	J	7.35	J	7.20	ug/L	389			(0%-20%)		
Iron	J	62.2	J	67.1	ug/L	440			(0%-20%)		
Lead	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Magnesium		10500	E	10600	ug/L	406	*		(0%-20%)		
Manganese		31.0		30.8	ug/L	398			(0%-20%)		
Nickel	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Potassium		3970		4000	ug/L	403			(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	04/15/26 11:04
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		8940	E	9010	ug/L	404 *		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Zinc	J	10.8	J	10.3	ug/L	378		(0%-20%)		
Batch 2975551										
QC1206432309 LCS										
Aluminum	448000			432000	ug/kg		96.3	(80%-120%)	EM2	04/14/26 14:34
Antimony	44800			43900	ug/kg		97.9	(80%-120%)		
Arsenic	44800			46000	ug/kg		103	(80%-120%)		
Barium	44800			44200	ug/kg		98.7	(80%-120%)		
Beryllium	44800			45900	ug/kg		103	(80%-120%)		
Cadmium	44800			45100	ug/kg		101	(80%-120%)		
Calcium	448000			456000	ug/kg		102	(80%-120%)		
Chromium	44800			44300	ug/kg		98.9	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Cobalt	44800			44600	ug/kg		99.6	(80%-120%)	EM2	04/14/26 14:34
Copper	44800			44200	ug/kg		98.7	(80%-120%)		
Iron	448000			453000	ug/kg		101	(80%-120%)		
Lead	44800			44600	ug/kg		99.6	(80%-120%)		
Magnesium	448000			459000	ug/kg		102	(80%-120%)		
Manganese	44800			44100	ug/kg		98.5	(80%-120%)		
Nickel	44800			44500	ug/kg		99.4	(80%-120%)		
Potassium	448000			433000	ug/kg		96.7	(80%-120%)		
Selenium	44800			45500	ug/kg		101	(80%-120%)		
Silver	8960			8810	ug/kg		98.3	(80%-120%)		
Sodium	448000			446000	ug/kg		99.6	(80%-120%)		
Thallium	44800			45200	ug/kg		101	(80%-120%)		
Vanadium	44800			43900	ug/kg		98	(80%-120%)		
Zinc	44800			43900	ug/kg		98	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2975551											
QC1206432308 MB											
Aluminum			U	ND	ug/kg				EM2	04/14/26	14:55
Antimony			U	ND	ug/kg						
Arsenic			U	ND	ug/kg						
Barium			U	ND	ug/kg						
Beryllium			U	ND	ug/kg						
Cadmium			U	ND	ug/kg						
Calcium			U	ND	ug/kg						
Chromium			U	ND	ug/kg						
Cobalt			U	ND	ug/kg						
Copper			U	ND	ug/kg						
Iron			U	ND	ug/kg						
Lead			U	ND	ug/kg						
Magnesium			U	ND	ug/kg						
Manganese			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Nickel			J	139	ug/kg				EM2	04/14/26 14:55
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					
Sodium			U	ND	ug/kg					
Thallium			J	480	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			U	ND	ug/kg					
QC1206432310 771803012 MS										
Aluminum	2370000	19000000		28300000	ug/kg		N/A	(75%-125%)		04/14/26 14:38
Antimony	237000 U	ND		222000	ug/kg		93.7	(75%-125%)		
Arsenic	237000 J	4030		254000	ug/kg		106	(75%-125%)		
Barium	237000	95700		339000	ug/kg		103	(75%-125%)		
Beryllium	237000 J	566		240000	ug/kg		101	(75%-125%)		
Cadmium	237000 U	ND		228000	ug/kg		96	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2975551												
Calcium	2370000		108000000		113000000	ug/kg		N/A	(75%-125%)	EM2	04/14/26	14:38
Chromium	237000		77500		329000	ug/kg		106	(75%-125%)			
Cobalt	237000		3700		228000	ug/kg		94.4	(75%-125%)			
Copper	237000		33300		282000	ug/kg		105	(75%-125%)			
Iron	2370000		92300000		117000000	ug/kg		N/A	(75%-125%)			
Lead	237000	J	9010		234000	ug/kg		94.7	(75%-125%)			
Magnesium	2370000		4370000		7560000	ug/kg		134*	(75%-125%)			
Manganese	237000		915000		1180000	ug/kg		112	(75%-125%)			
Nickel	237000		12800		237000	ug/kg		94.4	(75%-125%)			
Potassium	2370000		752000		3470000	ug/kg		115	(75%-125%)			
Selenium	237000	J	10300		253000	ug/kg		102	(75%-125%)			
Silver	47400	U	ND		47100	ug/kg		98.3	(75%-125%)			
Sodium	2370000		267000		2690000	ug/kg		102	(75%-125%)			
Thallium	237000	U	ND		219000	ug/kg		92.2	(75%-125%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2975551												
Vanadium	237000		63100		305000	ug/kg			102	(75%-125%)	EM2	04/14/26 14:38
Zinc	237000		165000		406000	ug/kg			102	(75%-125%)		
QC1206432311 771803012 MSD												
Aluminum	2600000		19000000		22900000	ug/kg	21	*	N/A	(0%-20%)		04/14/26 14:41
Antimony	260000	U	ND		253000	ug/kg	12.9		97.2	(0%-20%)		
Arsenic	260000	J	4030		280000	ug/kg	9.75		106	(0%-20%)		
Barium	260000		95700		354000	ug/kg	4.36		99.3	(0%-20%)		
Beryllium	260000	J	566		267000	ug/kg	10.7		103	(0%-20%)		
Cadmium	260000	U	ND		253000	ug/kg	10.4		97.2	(0%-20%)		
Calcium	2600000		108000000		109000000	ug/kg	3.62		N/A	(0%-20%)		
Chromium	260000		77500		339000	ug/kg	2.97		101	(0%-20%)		
Cobalt	260000		3700		253000	ug/kg	10.8		96.1	(0%-20%)		
Copper	260000		33300		302000	ug/kg	6.82		103	(0%-20%)		
Iron	2600000		92300000		89900000	ug/kg	26.3	*	N/A	(0%-20%)		
Lead	260000	J	9010		259000	ug/kg	10.2		96	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975551											
Magnesium	2600000		4370000		6970000	ug/kg	8.15	99.8	(0%-20%)	EM2	04/14/26 14:41
Manganese	260000		915000		1140000	ug/kg	3.23	87.8	(0%-20%)		
Nickel	260000		12800		260000	ug/kg	9.19	94.9	(0%-20%)		
Potassium	2600000		752000		3500000	ug/kg	1	106	(0%-20%)		
Selenium	260000	J	10300		271000	ug/kg	6.91	100	(0%-20%)		
Silver	52000	U	ND		52200	ug/kg	10.4	99.5	(0%-20%)		
Sodium	2600000		267000		2840000	ug/kg	5.49	98.9	(0%-20%)		
Thallium	260000	U	ND		246000	ug/kg	11.9	94.7	(0%-20%)		
Vanadium	260000		63100		321000	ug/kg	4.94	99.2	(0%-20%)		
Zinc	260000		165000		410000	ug/kg	1.06	94.3	(0%-20%)		
QC1206432312 771803012 PS											
Magnesium	5000		8620		13300	ug/L		93	(75%-125%)		04/14/26 14:43
QC1206432313 771803012 SDILT											
Aluminum			37500		7860	ug/L	4.86		(0%-20%)		04/14/26 14:46
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		J	7.95	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Barium		189		38.4	ug/L	1.57		(0%-20%)	EM2	04/14/26 14:46
Beryllium	J	1.12	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		213000		44800	ug/L	5.02		(0%-20%)		
Chromium		153		31.1	ug/L	1.81		(0%-20%)		
Cobalt		7.30	J	1.98	ug/L	36		(0%-20%)		
Copper		65.7	J	12.9	ug/L	1.65		(0%-20%)		
Iron		182000		39400	ug/L	8.07		(0%-20%)		
Lead	J	17.8	J	3.39	ug/L	4.56		(0%-20%)		
Magnesium		8620		1830	ug/L	6.25		(0%-20%)		
Manganese		1800		376	ug/L	4.3		(0%-20%)		
Nickel		25.2		5.67	ug/L	12.3		(0%-20%)		
Potassium		1480		294	ug/L	.897		(0%-20%)		
Selenium	J	20.2	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	04/14/26 14:46
Sodium		526	J	134	ug/L	27.4		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		125		25.2	ug/L	1.32		(0%-20%)		
Zinc		325		68.4	ug/L	5.16		(0%-20%)		
Metals Analysis-Mercury										
Batch 2976537										
QC1206434202 771565001 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			JP2	04/14/26 10:38
QC1206434201 LCS										
Mercury	2.00			2.13	ug/L		106	(80%-120%)		04/14/26 10:34
QC1206434200 MB										
Mercury			U	ND	ug/L					04/14/26 10:33
QC1206434203 771565001 MS										
Mercury	2.00 U	ND		2.12	ug/L		104	(75%-125%)		04/14/26 10:39
Batch 2976729										
QC1206434455 771854001 DUP										
Mercury	U	ND	U	ND	ug/kg	N/A			JP2	04/14/26 09:48
QC1206434454 LCS										
Mercury	220			208	ug/kg		94.5	(80%-120%)		04/14/26 09:41

QC Summary

Workorder: 771803

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 2976729											
QC1206434453 MB											
Mercury				U	ND	ug/kg				JP2	04/14/26 09:39
QC1206434456 771854001 MS											
Mercury	218	U	ND		200	ug/kg		88.3	(80%-120%)		04/14/26 09:50
Semi-Volatile-GC/MS											
Batch 2977541											
QC1206435780 LCS											
1,1'-Biphenyl	50.0				39.5	ug/L		79	(45%-114%)	LL2	04/16/26 17:32
1,2,4,5-Tetrachlorobenzene	50.0				38.4	ug/L		77	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0				45.2	ug/L		90	(41%-119%)		
2,4,5-Trichlorophenol	50.0				44.5	ug/L		89	(42%-122%)		
2,4,6-Trichlorophenol	50.0				43.6	ug/L		87	(40%-119%)		
2,4-Dichlorophenol	50.0				40.9	ug/L		82	(36%-111%)		
2,4-Dimethylphenol	50.0				22.6	ug/L		45	(31%-68%)		
2,4-Dinitrophenol	50.0				46.7	ug/L		93	(30%-120%)		
2,4-Dinitrotoluene	50.0				53.3	ug/L		107	(48%-128%)		
2,6-Dinitrotoluene	50.0				53.6	ug/L		107	(47%-124%)		
2-Chloronaphthalene	50.0				49.7	ug/L		99	(41%-113%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2-Chlorophenol	50.0			35.2	ug/L		70	(30%-95%)	LL2	04/16/26 17:32
2-Methyl-4,6-dinitrophenol	50.0			48.7	ug/L		97	(32%-131%)		
2-Methylnaphthalene	50.0			49.3	ug/L		99	(42%-116%)		
2-Nitrophenol	50.0			44.2	ug/L		88	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			46.5	ug/L		93	(43%-116%)		
4-Bromophenylphenylether	50.0			50.3	ug/L		101	(49%-125%)		
4-Chloro-3-methylphenol	50.0			39.4	ug/L		79	(35%-113%)		
4-Chloroaniline	50.0			38.7	ug/L		77	(39%-112%)		
4-Chlorophenylphenylether	50.0			50.3	ug/L		101	(48%-124%)		
4-Nitrophenol	50.0			30.7	ug/L		61	(25%-69%)		
Acenaphthene	50.0			47.7	ug/L		95	(44%-118%)		
Acenaphthylene	50.0			43.1	ug/L		86	(42%-110%)		
Acetophenone	50.0			41.1	ug/L		82	(44%-114%)		
Anthracene	50.0			47.2	ug/L		94	(49%-121%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Atrazine	50.0			31.7	ug/L		63	(49%-147%)	LL2	04/16/26 17:32
Benzaldehyde	50.0			12.5	ug/L		25*	(27%-111%)		
Benzo(a)anthracene	50.0			48.3	ug/L		97	(46%-121%)		
Benzo(a)pyrene	50.0			46.8	ug/L		94	(41%-120%)		
Benzo(b)fluoranthene	50.0			54.3	ug/L		109	(45%-126%)		
Benzo(ghi)perylene	50.0			52.1	ug/L		104	(44%-129%)		
Benzo(k)fluoranthene	50.0			50.0	ug/L		100	(44%-126%)		
Butylbenzylphthalate	50.0			54.7	ug/L		109	(47%-135%)		
Carbazole	50.0			51.2	ug/L		102	(52%-127%)		
Chrysene	50.0			47.1	ug/L		94	(46%-121%)		
Di-n-butylphthalate	50.0			52.2	ug/L		104	(51%-132%)		
Di-n-octylphthalate	50.0			54.9	ug/L		110	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			50.9	ug/L		102	(42%-123%)		
Dibenzofuran	50.0			48.2	ug/L		96	(48%-118%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Diethylphthalate	50.0			50.9	ug/L		102	(51%-131%)	LL2	04/16/26 17:32
Dimethylphthalate	50.0			47.9	ug/L		96	(48%-129%)		
Diphenylamine	50.0			48.2	ug/L		96	(49%-122%)		
Fluoranthene	50.0			52.1	ug/L		104	(50%-126%)		
Fluorene	50.0			48.6	ug/L		97	(48%-122%)		
Hexachlorobenzene	50.0			49.4	ug/L		99	(46%-122%)		
Hexachlorobutadiene	50.0			40.0	ug/L		80	(32%-94%)		
Hexachlorocyclopentadiene	50.0			15.1	ug/L		30*	(31%-64%)		
Hexachloroethane	50.0			37.5	ug/L		75	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			51.5	ug/L		103	(40%-125%)		
Isophorone	50.0			40.3	ug/L		81	(39%-126%)		
N-Nitrosodipropylamine	50.0			46.8	ug/L		94	(44%-122%)		
Naphthalene	50.0			44.1	ug/L		88	(41%-107%)		
Nitrobenzene	50.0			45.0	ug/L		90	(42%-112%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Pentachlorophenol	50.0			50.5	ug/L		101	(36%-124%)	LL2	04/16/26 17:32
Phenanthrene	50.0			48.4	ug/L		97	(48%-120%)		
Phenol	50.0			19.0	ug/L		38	(12%-90%)		
Pyrene	50.0			52.5	ug/L		105	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			43.8	ug/L		88	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			47.2	ug/L		94	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			43.7	ug/L		87	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			51.2	ug/L		102	(42%-132%)		
m,p-Cresols	50.0			33.9	ug/L		68	(29%-82%)		
m-Nitroaniline	50.0			48.8	ug/L		98	(44%-119%)		
o-Cresol	50.0			30.8	ug/L		62	(29%-86%)		
o-Nitroaniline	50.0			59.8	ug/L		120	(45%-128%)		
p-Nitroaniline	50.0			56.2	ug/L		112	(46%-130%)		
**2,4,6-Tribromophenol	100			90.9	ug/L		91	(28%-113%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
**2-Fluorobiphenyl	50.0			41.0	ug/L		82	(32%-102%)	LL2	04/16/26 17:32
**2-Fluorophenol	100			41.4	ug/L		41	(15%-72%)		
**Nitrobenzene-d5	50.0			41.2	ug/L		82	(31%-100%)		
**Phenol-d5	100			30.9	ug/L		31	(15%-85%)		
**p-Terphenyl-d14	50.0			42.5	ug/L		85	(20%-118%)		
QC1206435779 MB										
1,1'-Biphenyl			U	ND	ug/L					04/16/26 17:07
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2,6-Dinitrotoluene			U	ND	ug/L				LL2	04/16/26 17:07
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Acetophenone			U	ND	ug/L				LL2	04/16/26 17:07
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Dibenzo(a,h)anthracene			U	ND	ug/L				LL2	04/16/26 17:07
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2977541											
Naphthalene			U	ND	ug/L				LL2	04/16/26	17:07
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L						
Pyrene			U	ND	ug/L						
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L						
bis(2-Chloroethoxy)methane			U	ND	ug/L						
bis(2-Chloroethyl) ether			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
m,p-Cresols			U	ND	ug/L						
m-Nitroaniline			U	ND	ug/L						
o-Cresol			U	ND	ug/L						
o-Nitroaniline			U	ND	ug/L						

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
p-Nitroaniline				U	ND	ug/L				LL2	04/16/26 17:07
**2,4,6-Tribromophenol	100				71.4	ug/L		71	(28%-113%)		
**2-Fluorobiphenyl	50.0				34.6	ug/L		69	(32%-102%)		
**2-Fluorophenol	100				32.0	ug/L		32	(15%-72%)		
**Nitrobenzene-d5	50.0				33.5	ug/L		67	(31%-100%)		
**Phenol-d5	100				23.1	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0				38.0	ug/L		76	(20%-118%)		
QC1206435783 771903001 MS											
1,1'-Biphenyl	147	U	ND		110	ug/L		75	(30%-119%)		04/17/26 01:16
1,2,4,5-Tetrachlorobenzene	147	U	ND		108	ug/L		73	(28%-109%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		130	ug/L		88	(31%-125%)		
2,4,5-Trichlorophenol	147	U	ND		130	ug/L		89	(32%-128%)		
2,4,6-Trichlorophenol	147	U	ND		130	ug/L		88	(32%-122%)		
2,4-Dichlorophenol	147	U	ND		136	ug/L		92	(30%-117%)		
2,4-Dimethylphenol	147	U	ND		76.8	ug/L		52	(21%-75%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dinitrophenol	147	U	ND		146	ug/L		99	(24%-128%)	LL2	04/17/26 01:16
2,4-Dinitrotoluene	147	U	ND		144	ug/L		98	(36%-129%)		
2,6-Dinitrotoluene	147	U	ND		143	ug/L		97	(35%-126%)		
2-Chloronaphthalene	147	U	ND		138	ug/L		94	(31%-114%)		
2-Chlorophenol	147	U	ND		130	ug/L		88	(25%-106%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		144	ug/L		98	(25%-131%)		
2-Methylnaphthalene	147	U	ND		140	ug/L		95	(32%-117%)		
2-Nitrophenol	147	U	ND		141	ug/L		96	(28%-118%)		
3,3'-Dichlorobenzidine	147	U	ND		126	ug/L		86	(24%-119%)		
4-Bromophenylphenylether	147	U	ND		137	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	147	U	ND		126	ug/L		85	(32%-122%)		
4-Chloroaniline	147	U	ND		122	ug/L		83	(27%-117%)		
4-Chlorophenylphenylether	147	U	ND		136	ug/L		92	(35%-126%)		
4-Nitrophenol	147	U	ND		142	ug/L		96*	(9%-95%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Acenaphthene	147	U	ND		129	ug/L		88	(33%-118%)	LL2	04/17/26 01:16
Acenaphthylene	147	U	ND		118	ug/L		80	(30%-112%)		
Acetophenone	147	U	ND		121	ug/L		82	(31%-118%)		
Anthracene	147	U	ND		126	ug/L		86	(35%-122%)		
Atrazine	147	U	ND		78.5	ug/L		53	(26%-158%)		
Benzaldehyde	147	U	ND	U	ND	ug/L		0 *	(16%-109%)		
Benzo(a)anthracene	147	U	ND		128	ug/L		87	(33%-122%)		
Benzo(a)pyrene	147	U	ND		125	ug/L		85	(30%-121%)		
Benzo(b)fluoranthene	147	U	ND		142	ug/L		96	(33%-128%)		
Benzo(ghi)perylene	147	U	ND		138	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	147	U	ND		134	ug/L		91	(32%-128%)		
Butylbenzylphthalate	147	U	ND		146	ug/L		99	(35%-136%)		
Carbazole	147	U	ND		138	ug/L		94	(39%-129%)		
Chrysene	147	U	ND		125	ug/L		85	(34%-122%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2977541												
Di-n-butylphthalate	147	U	ND		140	ug/L		95	(36%-133%)	LL2	04/17/26	01:16
Di-n-octylphthalate	147	U	ND		148	ug/L		100	(29%-136%)			
Dibenzo(a,h)anthracene	147	U	ND		135	ug/L		92	(30%-124%)			
Dibenzofuran	147	U	ND		131	ug/L		89	(36%-120%)			
Diethylphthalate	147	U	ND		136	ug/L		92	(37%-133%)			
Dimethylphthalate	147	U	ND		134	ug/L		91	(36%-131%)			
Diphenylamine	147	U	ND		132	ug/L		90	(33%-124%)			
Fluoranthene	147	U	ND		140	ug/L		95	(36%-128%)			
Fluorene	147	U	ND		132	ug/L		90	(35%-124%)			
Hexachlorobenzene	147	U	ND		135	ug/L		92	(34%-123%)			
Hexachlorobutadiene	147	U	ND		111	ug/L		76	(22%-97%)			
Hexachlorocyclopentadiene	147	U	ND		42.7	ug/L		29	(18%-65%)			
Hexachloroethane	147	U	ND		102	ug/L		70	(20%-91%)			
Indeno(1,2,3-cd)pyrene	147	U	ND		137	ug/L		93	(29%-127%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Isophorone	147	U	ND		114	ug/L		77	(27%-128%)	LL2	04/17/26 01:16
N-Nitrosodipropylamine	147	U	ND		134	ug/L		91	(30%-128%)		
Naphthalene	147	U	ND		125	ug/L		85	(30%-109%)		
Nitrobenzene	147	U	ND		127	ug/L		86	(30%-117%)		
Pentachlorophenol	147	U	ND		140	ug/L		95	(30%-131%)		
Phenanthrene	147	U	ND		130	ug/L		89	(35%-122%)		
Phenol	147	U	ND		109	ug/L		74	(16%-74%)		
Pyrene	147	U	ND		139	ug/L		95	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		124	ug/L		84	(19%-144%)		
bis(2-Chloroethoxy)methane	147	U	ND		134	ug/L		91	(31%-117%)		
bis(2-Chloroethyl) ether	147	U	ND		129	ug/L		87	(29%-113%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		136	ug/L		92	(29%-135%)		
m,p-Cresols	147	U	ND		143	ug/L		97	(21%-105%)		
m-Nitroaniline	147	U	ND		141	ug/L		96	(29%-127%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
o-Cresol	147	U	ND		126	ug/L		85	(23%-104%)	LL2	04/17/26 01:16
o-Nitroaniline	147	U	ND		163	ug/L		111	(32%-130%)		
p-Nitroaniline	147	U	ND		156	ug/L		106	(33%-134%)		
**2,4,6-Tribromophenol	294		85.3		270	ug/L		92	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		115	ug/L		78	(32%-102%)		
**2-Fluorophenol	294		42.4		209	ug/L		71	(15%-72%)		
**Nitrobenzene-d5	147		36.3		119	ug/L		81	(31%-100%)		
**Phenol-d5	294		27.1		193	ug/L		66	(15%-85%)		
**p-Terphenyl-d14	147		39.1		126	ug/L		86	(20%-118%)		
QC1206435784 771903001 MSD											
1,1'-Biphenyl	147	U	ND		127	ug/L	15	87	(0%-30%)		04/17/26 01:42
1,2,4,5-Tetrachlorobenzene	147	U	ND		125	ug/L	15	85	(0%-30%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		151	ug/L	15	103	(0%-30%)		
2,4,5-Trichlorophenol	147	U	ND		152	ug/L	15	103	(0%-30%)		
2,4,6-Trichlorophenol	147	U	ND		151	ug/L	15	102	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dichlorophenol	147	U	ND		155	ug/L	13	105	(0%-30%)	LL2	04/17/26 01:42
2,4-Dimethylphenol	147	U	ND		87.0	ug/L	12	59	(0%-30%)		
2,4-Dinitrophenol	147	U	ND		165	ug/L	12	112	(0%-30%)		
2,4-Dinitrotoluene	147	U	ND		166	ug/L	15	113	(0%-30%)		
2,6-Dinitrotoluene	147	U	ND		165	ug/L	14	112	(0%-30%)		
2-Chloronaphthalene	147	U	ND		156	ug/L	12	106	(0%-30%)		
2-Chlorophenol	147	U	ND		145	ug/L	11	99	(0%-30%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		170	ug/L	17	115	(0%-30%)		
2-Methylnaphthalene	147	U	ND		160	ug/L	13	108	(0%-30%)		
2-Nitrophenol	147	U	ND		163	ug/L	14	111	(0%-30%)		
3,3'-Dichlorobenzidine	147	U	ND		146	ug/L	15	99	(0%-30%)		
4-Bromophenylphenylether	147	U	ND		158	ug/L	14	107	(0%-30%)		
4-Chloro-3-methylphenol	147	U	ND		153	ug/L	19	104	(0%-30%)		
4-Chloroaniline	147	U	ND		139	ug/L	13	95	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date Time
Semi-Volatile-GC/MS													
Batch 2977541													
4-Chlorophenylphenylether	147	U	ND		157	ug/L	15		107		(0%-30%)	LL2	04/17/26 01:42
4-Nitrophenol	147	U	ND		137	ug/L	3		93		(0%-30%)		
Acenaphthene	147	U	ND		150	ug/L	15		102		(0%-30%)		
Acenaphthylene	147	U	ND		136	ug/L	14		92		(0%-30%)		
Acetophenone	147	U	ND		138	ug/L	13		94		(0%-30%)		
Anthracene	147	U	ND		143	ug/L	13		97		(0%-30%)		
Atrazine	147	U	ND		83.6	ug/L	6		57		(0%-30%)		
Benzaldehyde	147	U	ND	J	21.5	ug/L	200	*	15	*	(0%-30%)		
Benzo(a)anthracene	147	U	ND		148	ug/L	15		101		(0%-30%)		
Benzo(a)pyrene	147	U	ND		144	ug/L	14		98		(0%-30%)		
Benzo(b)fluoranthene	147	U	ND		170	ug/L	18		116		(0%-30%)		
Benzo(ghi)perylene	147	U	ND		162	ug/L	16		110		(0%-30%)		
Benzo(k)fluoranthene	147	U	ND		147	ug/L	10		100		(0%-30%)		
Butylbenzylphthalate	147	U	ND		170	ug/L	15		116		(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Carbazole	147	U	ND		156	ug/L	12	106	(0%-30%)	LL2	04/17/26 01:42
Chrysene	147	U	ND		144	ug/L	14	98	(0%-30%)		
Di-n-butylphthalate	147	U	ND		161	ug/L	14	109	(0%-30%)		
Di-n-octylphthalate	147	U	ND		171	ug/L	14	116	(0%-30%)		
Dibenzo(a,h)anthracene	147	U	ND		157	ug/L	15	107	(0%-30%)		
Dibenzofuran	147	U	ND		151	ug/L	15	103	(0%-30%)		
Diethylphthalate	147	U	ND		157	ug/L	14	107	(0%-30%)		
Dimethylphthalate	147	U	ND		153	ug/L	13	104	(0%-30%)		
Diphenylamine	147	U	ND		150	ug/L	12	102	(0%-30%)		
Fluoranthene	147	U	ND		160	ug/L	13	108	(0%-30%)		
Fluorene	147	U	ND		151	ug/L	13	102	(0%-30%)		
Hexachlorobenzene	147	U	ND		156	ug/L	15	106	(0%-30%)		
Hexachlorobutadiene	147	U	ND		125	ug/L	11	85	(0%-30%)		
Hexachlorocyclopentadiene	147	U	ND		50.9	ug/L	18	35	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Hexachloroethane	147	U	ND		112	ug/L	9	76	(0%-30%)	LL2	04/17/26 01:42
Indeno(1,2,3-cd)pyrene	147	U	ND		159	ug/L	15	108	(0%-30%)		
Isophorone	147	U	ND		130	ug/L	13	88	(0%-30%)		
N-Nitrosodipropylamine	147	U	ND		155	ug/L	15	105	(0%-30%)		
Naphthalene	147	U	ND		140	ug/L	12	95	(0%-30%)		
Nitrobenzene	147	U	ND		145	ug/L	13	98	(0%-30%)		
Pentachlorophenol	147	U	ND		161	ug/L	14	109	(0%-30%)		
Phenanthrene	147	U	ND		149	ug/L	13	101	(0%-30%)		
Phenol	147	U	ND		122	ug/L	12	83*	(0%-30%)		
Pyrene	147	U	ND		160	ug/L	14	108	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		140	ug/L	12	95	(0%-30%)		
bis(2-Chloroethoxy)methane	147	U	ND		155	ug/L	14	105	(0%-30%)		
bis(2-Chloroethyl) ether	147	U	ND		142	ug/L	10	97	(0%-30%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		158	ug/L	15	108	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
m,p-Cresols	147	U	ND		161	ug/L	12	110*	(0%-30%)	LL2	04/17/26 01:42
m-Nitroaniline	147	U	ND		160	ug/L	13	109	(0%-30%)		
o-Cresol	147	U	ND		141	ug/L	12	96	(0%-30%)		
o-Nitroaniline	147	U	ND		189	ug/L	15	128	(0%-30%)		
p-Nitroaniline	147	U	ND		175	ug/L	11	119	(0%-30%)		
**2,4,6-Tribromophenol	294		85.3		307	ug/L		104	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		130	ug/L		89	(32%-102%)		
**2-Fluorophenol	294		42.4		230	ug/L		78*	(15%-72%)		
**Nitrobenzene-d5	147		36.3		135	ug/L		92	(31%-100%)		
**Phenol-d5	294		27.1		215	ug/L		73	(15%-85%)		
**p-Terphenyl-d14	147		39.1		141	ug/L		96	(20%-118%)		
Batch 2978441											
QC1206437201 LCS											
1,1'-Biphenyl	1660				1370	ug/kg		83	(47%-110%)	LL2	04/16/26 17:24
1,2,4,5-Tetrachlorobenzene	1660				1280	ug/kg		77	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1300	ug/kg		78	(44%-114%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
2,4,5-Trichlorophenol	1660			1430	ug/kg		86	(50%-121%)	LL2	04/16/26 17:24
2,4,6-Trichlorophenol	1660			1440	ug/kg		87	(48%-112%)		
2,4-Dichlorophenol	1660			1390	ug/kg		84	(47%-112%)		
2,4-Dimethylphenol	1660			987	ug/kg		60	(32%-74%)		
2,4-Dinitrophenol	1660			873	ug/kg		53	(22%-89%)		
2,4-Dinitrotoluene	1660			1450	ug/kg		88	(49%-121%)		
2,6-Dinitrotoluene	1660			1440	ug/kg		87	(47%-118%)		
2-Chloronaphthalene	1660			1400	ug/kg		85	(44%-107%)		
2-Chlorophenol	1660			1430	ug/kg		86	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1020	ug/kg		62	(21%-106%)		
2-Methylnaphthalene	1660			1550	ug/kg		94	(47%-109%)		
2-Nitrophenol	1660			1390	ug/kg		84	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1260	ug/kg		76	(39%-100%)		
4-Bromophenylphenylether	1660			1440	ug/kg		87	(50%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
4-Chloro-3-methylphenol	1660			1490	ug/kg		90	(50%-114%)	LL2	04/16/26 17:24
4-Chloroaniline	1660			1290	ug/kg		78	(38%-96%)		
4-Chlorophenylphenylether	1660			1470	ug/kg		89	(50%-118%)		
4-Nitrophenol	1660			1620	ug/kg		98	(46%-120%)		
Acenaphthene	1660			1410	ug/kg		85	(45%-112%)		
Acenaphthylene	1660			1320	ug/kg		80	(43%-106%)		
Acetophenone	1660			1330	ug/kg		80	(35%-100%)		
Anthracene	1660			1500	ug/kg		91	(50%-115%)		
Atrazine	1660			1570	ug/kg		95	(51%-144%)		
Benzaldehyde	1660			457	ug/kg		28	(21%-89%)		
Benzo(a)anthracene	1660			1450	ug/kg		87	(51%-117%)		
Benzo(a)pyrene	1660			1400	ug/kg		84	(48%-118%)		
Benzo(b)fluoranthene	1660			1510	ug/kg		92	(51%-121%)		
Benzo(ghi)perylene	1660			1470	ug/kg		89	(51%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Benzo(k)fluoranthene	1660			1510	ug/kg		91	(50%-124%)	LL2	04/16/26 17:24
Butylbenzylphthalate	1660			1680	ug/kg		102	(51%-133%)		
Carbazole	1660			1510	ug/kg		91	(53%-119%)		
Chrysene	1660			1410	ug/kg		85	(52%-116%)		
Di-n-butylphthalate	1660			1640	ug/kg		99	(54%-126%)		
Di-n-octylphthalate	1660			1580	ug/kg		95	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1440	ug/kg		87	(48%-120%)		
Dibenzofuran	1660			1420	ug/kg		86	(50%-110%)		
Diethylphthalate	1660			1560	ug/kg		94	(52%-123%)		
Dimethylphthalate	1660			1470	ug/kg		89	(49%-124%)		
Diphenylamine	1660			1540	ug/kg		93	(51%-115%)		
Fluoranthene	1660			1510	ug/kg		91	(52%-121%)		
Fluorene	1660			1450	ug/kg		88	(50%-116%)		
Hexachlorobenzene	1660			1440	ug/kg		87	(48%-117%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Hexachlorobutadiene	1660			1300	ug/kg		79	(40%-105%)	LL2	04/16/26 17:24
Hexachlorocyclopentadiene	1660			538	ug/kg		33	(26%-82%)		
Hexachloroethane	1660			1340	ug/kg		81	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1440	ug/kg		87	(47%-123%)		
Isophorone	1660			1400	ug/kg		85	(37%-120%)		
N-Nitrosodipropylamine	1660			1600	ug/kg		97	(46%-113%)		
Naphthalene	1660			1380	ug/kg		83	(44%-105%)		
Nitrobenzene	1660			1510	ug/kg		91	(44%-106%)		
Pentachlorophenol	1660			1490	ug/kg		90	(36%-111%)		
Phenanthrene	1660			1450	ug/kg		88	(50%-114%)		
Phenol	1660			1530	ug/kg		92	(46%-107%)		
Pyrene	1660			1500	ug/kg		91	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1640	ug/kg		99	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1480	ug/kg		90	(45%-106%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
bis(2-Chloroethyl) ether	1660			1440	ug/kg		87	(44%-106%)	LL2	04/16/26 17:24
bis(2-Ethylhexyl)phthalate	1660			1670	ug/kg		101	(50%-134%)		
m,p-Cresols	1660			1470	ug/kg		89	(46%-106%)		
m-Nitroaniline	1660			1390	ug/kg		84	(41%-108%)		
o-Cresol	1660			1440	ug/kg		87	(45%-105%)		
o-Nitroaniline	1660			1660	ug/kg		100	(48%-117%)		
p-Nitroaniline	1660			1520	ug/kg		92	(49%-119%)		
**2,4,6-Tribromophenol	3310			2680	ug/kg		81	(20%-104%)		
**2-Fluorobiphenyl	1660			1250	ug/kg		76	(20%-93%)		
**2-Fluorophenol	3310			2730	ug/kg		83	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		81	(19%-90%)		
**Phenol-d5	3310			2830	ug/kg		85	(20%-99%)		
**p-Terphenyl-d14	1660			1320	ug/kg		80	(24%-107%)		
QC1206437200 MB										
1,1'-Biphenyl			U	ND	ug/kg					04/16/26 17:02

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg				LL2	04/16/26 17:02
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
3,3'-Dichlorobenzidine			U	ND	ug/kg				LL2	04/16/26 17:02
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Benzo(b)fluoranthene			U	ND	ug/kg				LL2	04/16/26 17:02
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Fluorene			U	ND	ug/kg				LL2	04/16/26 17:02
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg				LL2	04/16/26 17:02
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			2540	ug/kg		76	(20%-104%)		
**2-Fluorobiphenyl	1660			1260	ug/kg		76	(20%-93%)		
**2-Fluorophenol	3320			2730	ug/kg		82	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		82	(19%-90%)		
**Phenol-d5	3320			2740	ug/kg		83	(20%-99%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
**p-Terphenyl-d14	1660				1360	ug/kg		82	(24%-107%)	LL2	04/16/26 17:02
QC1206437202 771803012 MS											
1,1'-Biphenyl	8780	U	ND	J	1630	ug/kg		19	(16%-112%)		04/16/26 18:08
1,2,4,5-Tetrachlorobenzene	8780	U	ND	J	1510	ug/kg		17	(16%-106%)		
2,3,4,6-Tetrachlorophenol	8780	U	ND	J	1430	ug/kg		16	(15%-114%)		
2,4,5-Trichlorophenol	8780	U	ND	J	1630	ug/kg		19	(16%-122%)		
2,4,6-Trichlorophenol	8780	U	ND	J	1630	ug/kg		19	(16%-112%)		
2,4-Dichlorophenol	8780	U	ND	J	1650	ug/kg		19	(15%-112%)		
2,4-Dimethylphenol	8780	U	ND	J	1170	ug/kg		13*	(17%-73%)		
2,4-Dinitrophenol	8780	U	ND	J	2290	ug/kg		26	(19%-117%)		
2,4-Dinitrotoluene	8780	U	ND	J	1660	ug/kg		19	(15%-119%)		
2,6-Dinitrotoluene	8780	U	ND	J	1670	ug/kg		19	(14%-119%)		
2-Chloronaphthalene	8780	U	ND		1660	ug/kg		19	(15%-108%)		
2-Chlorophenol	8780	U	ND	J	1720	ug/kg		20	(17%-104%)		
2-Methyl-4,6-dinitrophenol	8780	U	ND	J	890	ug/kg		10	(10%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2978441												
2-Methylnaphthalene	8780	U	ND		1810	ug/kg		21	(16%-108%)	LL2	04/16/26	18:08
2-Nitrophenol	8780	U	ND	J	1560	ug/kg		18	(14%-107%)			
3,3'-Dichlorobenzidine	8780	U	ND	J	1590	ug/kg		18	(13%-95%)			
4-Bromophenylphenylether	8780	U	ND	J	1730	ug/kg		20	(16%-122%)			
4-Chloro-3-methylphenol	8780	U	ND		1840	ug/kg		21	(17%-116%)			
4-Chloroaniline	8780	U	ND	J	1610	ug/kg		18	(16%-91%)			
4-Chlorophenylphenylether	8780	U	ND	J	1720	ug/kg		20	(16%-120%)			
4-Nitrophenol	8780	U	ND		1790	ug/kg		20	(14%-122%)			
Acenaphthene	8780	U	ND		1670	ug/kg		19	(15%-114%)			
Acenaphthylene	8780	U	ND		1550	ug/kg		18	(16%-107%)			
Acetophenone	8780	U	ND	J	1610	ug/kg		18	(16%-97%)			
Anthracene	8780	U	ND		1820	ug/kg		21	(16%-119%)			
Atrazine	8780	U	ND		1890	ug/kg		22	(12%-144%)			
Benzaldehyde	8780	U	ND	U	ND	ug/kg		0 *	(12%-103%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Benzo(a)anthracene	8780	U	ND		1830	ug/kg		21	(16%-120%)	LL2	04/16/26 18:08
Benzo(a)pyrene	8780	U	ND		1740	ug/kg		20	(16%-119%)		
Benzo(b)fluoranthene	8780	U	ND		1860	ug/kg		21	(16%-123%)		
Benzo(ghi)perylene	8780	U	ND		1850	ug/kg		21	(15%-127%)		
Benzo(k)fluoranthene	8780	U	ND		1870	ug/kg		21	(16%-126%)		
Butylbenzylphthalate	8780	U	ND		2130	ug/kg		24	(14%-135%)		
Carbazole	8780	U	ND		1860	ug/kg		21	(16%-123%)		
Chrysene	8780	U	ND		1820	ug/kg		21	(17%-119%)		
Di-n-butylphthalate	8780	U	ND		2060	ug/kg		23	(16%-129%)		
Di-n-octylphthalate	8780	U	ND		1990	ug/kg		23	(16%-134%)		
Dibenzo(a,h)anthracene	8780	U	ND		1750	ug/kg		20	(16%-120%)		
Dibenzofuran	8780	U	ND	J	1690	ug/kg		19	(17%-114%)		
Diethylphthalate	8780	U	ND		1860	ug/kg		21	(16%-124%)		
Dimethylphthalate	8780	U	ND		1780	ug/kg		20	(16%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Diphenylamine	8780	U	ND		1850	ug/kg		21	(18%-116%)	LL2	04/16/26 18:08
Fluoranthene	8780	U	ND		1870	ug/kg		21	(17%-124%)		
Fluorene	8780	U	ND		1730	ug/kg		20	(16%-119%)		
Hexachlorobenzene	8780	U	ND	J	1720	ug/kg		20	(18%-117%)		
Hexachlorobutadiene	8780	U	ND	J	1510	ug/kg		17	(15%-101%)		
Hexachlorocyclopentadiene	8780	U	ND	U	ND	ug/kg		0*	(16%-60%)		
Hexachloroethane	8780	U	ND	J	1280	ug/kg		15*	(16%-87%)		
Indeno(1,2,3-cd)pyrene	8780	U	ND		1790	ug/kg		20	(14%-125%)		
Isophorone	8780	U	ND	J	1660	ug/kg		19	(12%-116%)		
N-Nitrosodipropylamine	8780	U	ND		1950	ug/kg		22	(14%-113%)		
Naphthalene	8780	U	ND		1620	ug/kg		18	(15%-105%)		
Nitrobenzene	8780	U	ND	J	1750	ug/kg		20	(15%-105%)		
Pentachlorophenol	8780	U	ND	J	1560	ug/kg		18	(11%-115%)		
Phenanthrene	8780	U	ND		1800	ug/kg		20	(15%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2978441												
Phenol	8780	U	ND		1840	ug/kg		21	(16%-107%)	LL2	04/16/26	18:08
Pyrene	8780	U	ND		1870	ug/kg		21	(15%-127%)			
bis(2-Chloro-1-methylethyl)ether	8780	U	ND		1970	ug/kg		22	(10%-110%)			
bis(2-Chloroethoxy)methane	8780	U	ND		1770	ug/kg		20	(16%-105%)			
bis(2-Chloroethyl) ether	8780	U	ND	J	1710	ug/kg		19	(14%-106%)			
bis(2-Ethylhexyl)phthalate	8780	U	ND		2090	ug/kg		24	(15%-135%)			
m,p-Cresols	8780	U	ND		1780	ug/kg		20	(17%-106%)			
m-Nitroaniline	8780	U	ND	J	1710	ug/kg		19	(15%-103%)			
o-Cresol	8780	U	ND	J	1710	ug/kg		19	(17%-104%)			
o-Nitroaniline	8780	U	ND		1910	ug/kg		22	(16%-116%)			
p-Nitroaniline	8780	U	ND	J	1700	ug/kg		19	(12%-118%)			
**2,4,6-Tribromophenol	17600		7430		3180	ug/kg		18*	(20%-104%)			
**2-Fluorobiphenyl	8780		3260		1500	ug/kg		17*	(20%-93%)			
**2-Fluorophenol	17600		7010		3510	ug/kg		20	(19%-94%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
**Nitrobenzene-d5	8780		3350		1670	ug/kg			19	(19%-90%)	LL2	04/16/26	18:08
**Phenol-d5	17600		7450		3590	ug/kg			20	(20%-99%)			
**p-Terphenyl-d14	8780		4210		1770	ug/kg			20*	(24%-107%)			
QC1206437203 771803012 MSD													
1,1'-Biphenyl	8780	U	ND	J	1020	ug/kg	46	*	12*	(0%-30%)		04/16/26	18:30
1,2,4,5-Tetrachlorobenzene	8780	U	ND	J	920	ug/kg	48	*	10*	(0%-30%)			
2,3,4,6-Tetrachlorophenol	8780	U	ND	J	1030	ug/kg	32	*	12*	(0%-30%)			
2,4,5-Trichlorophenol	8780	U	ND	J	1160	ug/kg	34	*	13*	(0%-30%)			
2,4,6-Trichlorophenol	8780	U	ND	J	1130	ug/kg	37	*	13*	(0%-30%)			
2,4-Dichlorophenol	8780	U	ND	J	1050	ug/kg	45	*	12*	(0%-30%)			
2,4-Dimethylphenol	8780	U	ND	J	734	ug/kg	46	*	8*	(0%-30%)			
2,4-Dinitrophenol	8780	U	ND	J	2190	ug/kg	4		25	(0%-30%)			
2,4-Dinitrotoluene	8780	U	ND	J	1160	ug/kg	36	*	13*	(0%-30%)			
2,6-Dinitrotoluene	8780	U	ND	J	1140	ug/kg	38	*	13*	(0%-30%)			
2-Chloronaphthalene	8780	U	ND		1040	ug/kg	45	*	12*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
2-Chlorophenol	8780	U	ND	J	1020	ug/kg	51	*	12*	(0%-30%)	LL2	04/16/26	18:30
2-Methyl-4,6-dinitrophenol	8780	U	ND	J	687	ug/kg	26		8*	(0%-30%)			
2-Methylnaphthalene	8780	U	ND		1080	ug/kg	51	*	12*	(0%-30%)			
2-Nitrophenol	8780	U	ND	J	915	ug/kg	52	*	10*	(0%-30%)			
3,3'-Dichlorobenzidine	8780	U	ND	J	1210	ug/kg	27		14	(0%-30%)			
4-Bromophenylphenylether	8780	U	ND	J	1210	ug/kg	35	*	14*	(0%-30%)			
4-Chloro-3-methylphenol	8780	U	ND	J	1250	ug/kg	38	*	14*	(0%-30%)			
4-Chloroaniline	8780	U	ND	J	1060	ug/kg	41	*	12*	(0%-30%)			
4-Chlorophenylphenylether	8780	U	ND	J	1230	ug/kg	34	*	14*	(0%-30%)			
4-Nitrophenol	8780	U	ND	J	1270	ug/kg	34	*	14	(0%-30%)			
Acenaphthene	8780	U	ND		1120	ug/kg	40	*	13*	(0%-30%)			
Acenaphthylene	8780	U	ND		999	ug/kg	43	*	11*	(0%-30%)			
Acetophenone	8780	U	ND	J	957	ug/kg	51	*	11*	(0%-30%)			
Anthracene	8780	U	ND		1330	ug/kg	31	*	15*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Atrazine	8780	U	ND	J	1440	ug/kg	27	16	(0%-30%)	LL2	04/16/26 18:30
Benzaldehyde	8780	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Benzo(a)anthracene	8780	U	ND		1420	ug/kg	25	16	(0%-30%)		
Benzo(a)pyrene	8780	U	ND		1370	ug/kg	24	16	(0%-30%)		
Benzo(b)fluoranthene	8780	U	ND		1470	ug/kg	23	17	(0%-30%)		
Benzo(ghi)perylene	8780	U	ND		1420	ug/kg	27	16	(0%-30%)		
Benzo(k)fluoranthene	8780	U	ND		1450	ug/kg	25	16	(0%-30%)		
Butylbenzylphthalate	8780	U	ND		1660	ug/kg	25	19	(0%-30%)		
Carbazole	8780	U	ND		1400	ug/kg	28	16	(0%-30%)		
Chrysene	8780	U	ND		1390	ug/kg	27	16*	(0%-30%)		
Di-n-butylphthalate	8780	U	ND		1550	ug/kg	28	18	(0%-30%)		
Di-n-octylphthalate	8780	U	ND		1540	ug/kg	26	18	(0%-30%)		
Dibenzo(a,h)anthracene	8780	U	ND		1360	ug/kg	25	15*	(0%-30%)		
Dibenzofuran	8780	U	ND	J	1150	ug/kg	38 *	13*	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
Diethylphthalate	8780	U	ND		1310	ug/kg	35	*	15*	(0%-30%)	LL2	04/16/26	18:30
Dimethylphthalate	8780	U	ND		1240	ug/kg	36	*	14*	(0%-30%)			
Diphenylamine	8780	U	ND	J	1310	ug/kg	34	*	15*	(0%-30%)			
Fluoranthene	8780	U	ND		1430	ug/kg	27		16*	(0%-30%)			
Fluorene	8780	U	ND		1180	ug/kg	38	*	13*	(0%-30%)			
Hexachlorobenzene	8780	U	ND	J	1250	ug/kg	32	*	14*	(0%-30%)			
Hexachlorobutadiene	8780	U	ND	J	834	ug/kg	58	*	9*	(0%-30%)			
Hexachlorocyclopentadiene	8780	U	ND	U	ND	ug/kg	N/A		0*	(0%-30%)			
Hexachloroethane	8780	U	ND	J	599	ug/kg	73	*	7*	(0%-30%)			
Indeno(1,2,3-cd)pyrene	8780	U	ND		1390	ug/kg	26		16	(0%-30%)			
Isophorone	8780	U	ND	J	1000	ug/kg	49	*	11*	(0%-30%)			
N-Nitrosodipropylamine	8780	U	ND	J	1200	ug/kg	47	*	14	(0%-30%)			
Naphthalene	8780	U	ND		931	ug/kg	54	*	11*	(0%-30%)			
Nitrobenzene	8780	U	ND	J	1040	ug/kg	51	*	12*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
Pentachlorophenol	8780	U	ND	J	1150	ug/kg	30		13	(0%-30%)	LL2	04/16/26	18:30
Phenanthrene	8780	U	ND		1310	ug/kg	31	*	15	(0%-30%)			
Phenol	8780	U	ND	J	1180	ug/kg	44	*	13*	(0%-30%)			
Pyrene	8780	U	ND		1430	ug/kg	27		16	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	8780	U	ND	J	1110	ug/kg	55	*	13	(0%-30%)			
bis(2-Chloroethoxy)methane	8780	U	ND	J	1080	ug/kg	48	*	12*	(0%-30%)			
bis(2-Chloroethyl) ether	8780	U	ND	J	971	ug/kg	55	*	11*	(0%-30%)			
bis(2-Ethylhexyl)phthalate	8780	U	ND		1630	ug/kg	25		19	(0%-30%)			
m,p-Cresols	8780	U	ND	J	1190	ug/kg	40	*	14*	(0%-30%)			
m-Nitroaniline	8780	U	ND	J	1200	ug/kg	35	*	14*	(0%-30%)			
o-Cresol	8780	U	ND	J	1070	ug/kg	46	*	12*	(0%-30%)			
o-Nitroaniline	8780	U	ND	J	1290	ug/kg	38	*	15*	(0%-30%)			
p-Nitroaniline	8780	U	ND	J	1250	ug/kg	31	*	14	(0%-30%)			
**2,4,6-Tribromophenol	17600		7430		2110	ug/kg			12*	(20%-104%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
**2-Fluorobiphenyl	8780	3260		897	ug/kg		10*	(20%-93%)	LL2	04/16/26 18:30
**2-Fluorophenol	17600	7010		1950	ug/kg		11*	(19%-94%)		
**Nitrobenzene-d5	8780	3350		894	ug/kg		10*	(19%-90%)		
**Phenol-d5	17600	7450		2190	ug/kg		12*	(20%-99%)		
**p-Terphenyl-d14	8780	4210		1260	ug/kg		14*	(24%-107%)		
Semi-Volatiles-PCB										
Batch 2979246										
QC1206438587 LCS										
Aroclor-1016	1.00			0.801	ug/L		80	(70%-130%)	JXM	04/17/26 11:46
Aroclor-1260	1.00			0.832	ug/L		83	(70%-130%)		
**4cmx	0.200			0.148	ug/L		74	(28%-114%)		
**Decachlorobiphenyl	0.200			0.153	ug/L		76	(30%-135%)		
QC1206438586 MB										
Aroclor-1016			U	ND	ug/L					04/17/26 11:35
Aroclor-1221			U	ND	ug/L					
Aroclor-1232			U	ND	ug/L					
Aroclor-1242			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-PCB												
Batch 2979246												
Aroclor-1248				U	ND	ug/L				JXM	04/17/26	11:35
Aroclor-1254				U	ND	ug/L						
Aroclor-1260				U	ND	ug/L						
Aroclor-1262				U	ND	ug/L						
Aroclor-1268				U	ND	ug/L						
**4cmx	0.200				0.141	ug/L		70	(28%-114%)			
**Decachlorobiphenyl	0.200				0.144	ug/L		72	(30%-135%)			
QC1206438588 772714003 MS												
Aroclor-1016	2.00	U	ND		1.62	ug/L		81	(36%-114%)		04/17/26	12:46
Aroclor-1260	2.00	U	ND		1.45	ug/L		72	(31%-121%)			
**4cmx	0.400		0.146		0.284	ug/L		71	(28%-114%)			
**Decachlorobiphenyl	0.400		0.130		0.186	ug/L		46	(30%-135%)			
QC1206438589 772714003 MSD												
Aroclor-1016	2.00	U	ND		1.64	ug/L	1	82	(0%-30%)		04/17/26	13:02
Aroclor-1260	2.00	U	ND		1.52	ug/L	5	76	(0%-31%)			
**4cmx	0.400		0.146		0.287	ug/L		72	(28%-114%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2979246										
**Decachlorobiphenyl	0.400	0.130		0.204	ug/L		51	(30%-135%)	JXM	04/17/26 13:02
Semi-Volatiles-Pesticide										
Batch 2979097										
QC1206438367 LCS										
4,4'-DDD	1.25			1.25	ug/L		100	(70%-130%)	YS1	04/17/26 11:03
4,4'-DDE	1.25			1.17	ug/L		94	(70%-130%)		
4,4'-DDT	1.25			1.21	ug/L		97	(70%-130%)		
Aldrin	0.500			0.498	ug/L		100	(70%-130%)		
Dieldrin	1.25			1.24	ug/L		99	(70%-130%)		
Endosulfan I	0.500			0.462	ug/L		92	(70%-130%)		
Endosulfan II	1.25			1.22	ug/L		98	(70%-130%)		
Endosulfan sulfate	1.25			1.09	ug/L		87	(70%-130%)		
Endrin	1.25			1.19	ug/L		95	(70%-130%)		
Endrin aldehyde	1.25			1.29	ug/L		103	(70%-130%)		
Endrin ketone	1.25			1.28	ug/L		102	(70%-130%)		
Heptachlor	0.500			0.456	ug/L		91	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
Heptachlor epoxide	0.500			0.517	ug/L		103	(70%-130%)	YS1	04/17/26 11:03
Methoxychlor	5.00			4.64	ug/L		93	(70%-130%)		
alpha-BHC	0.500			0.507	ug/L		101	(70%-130%)		
beta-BHC	0.500			0.450	ug/L		90	(70%-130%)		
cis-Chlordane	0.500			0.484	ug/L		97	(70%-130%)		
delta-BHC	0.500			0.534	ug/L		107	(70%-130%)		
gamma-BHC (Lindane)	0.500			0.503	ug/L		101	(70%-130%)		
trans-Chlordane	0.500			0.486	ug/L		97	(70%-130%)		
**4cmx	1.00			0.833	ug/L		83	(29%-119%)		
**Decachlorobiphenyl	1.00			0.881	ug/L		88	(43%-140%)		
QC1206438369 LCS										
Toxaphene	4.00			3.85	ug/L		96	(70%-130%)		04/17/26 11:21
**4cmx	1.00			0.847	ug/L		85	(29%-119%)		
**Decachlorobiphenyl	1.00			0.901	ug/L		90	(43%-140%)		
QC1206438368 LCSD										
4,4'-DDD	1.25			1.27	ug/L	1	101	(0%-30%)		04/17/26 11:39

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
4,4'-DDE	1.25			1.17	ug/L	1	93	(0%-30%)	YS1	04/17/26 11:39
4,4'-DDT	1.25			1.22	ug/L	0	97	(0%-30%)		
Aldrin	0.500			0.498	ug/L	0	100	(0%-30%)		
Dieldrin	1.25			1.25	ug/L	1	100	(0%-30%)		
Endosulfan I	0.500			0.466	ug/L	1	93	(0%-30%)		
Endosulfan II	1.25			1.26	ug/L	3	101	(0%-30%)		
Endosulfan sulfate	1.25			1.12	ug/L	3	90	(0%-30%)		
Endrin	1.25			1.20	ug/L	1	96	(0%-30%)		
Endrin aldehyde	1.25			1.32	ug/L	3	106	(0%-30%)		
Endrin ketone	1.25			1.29	ug/L	1	103	(0%-30%)		
Heptachlor	0.500			0.460	ug/L	1	92	(0%-30%)		
Heptachlor epoxide	0.500			0.524	ug/L	1	105	(0%-30%)		
Methoxychlor	5.00			4.64	ug/L	0	93	(0%-30%)		
alpha-BHC	0.500			0.514	ug/L	1	103	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
beta-BHC	0.500			0.463	ug/L	3	93	(0%-30%)	YS1	04/17/26 11:39
cis-Chlordane	0.500			0.487	ug/L	0	97	(0%-30%)		
delta-BHC	0.500			0.546	ug/L	2	109	(0%-30%)		
gamma-BHC (Lindane)	0.500			0.513	ug/L	2	103	(0%-30%)		
trans-Chlordane	0.500			0.486	ug/L	0	97	(0%-30%)		
**4cmx	1.00			0.853	ug/L		85	(29%-119%)		
**Decachlorobiphenyl	1.00			0.906	ug/L		91	(43%-140%)		
QC1206438366 MB										
4,4'-DDD			U	ND	ug/L					04/17/26 10:44
4,4'-DDE			U	ND	ug/L					
4,4'-DDT			U	ND	ug/L					
Aldrin			U	ND	ug/L					
Dieldrin			U	ND	ug/L					
Endosulfan I			U	ND	ug/L					
Endosulfan II			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
Endosulfan sulfate			U	ND	ug/L				YS1	04/17/26 10:44
Endrin			U	ND	ug/L					
Endrin aldehyde			U	ND	ug/L					
Endrin ketone			U	ND	ug/L					
Heptachlor			U	ND	ug/L					
Heptachlor epoxide			U	ND	ug/L					
Methoxychlor			U	ND	ug/L					
Toxaphene			U	ND	ug/L					
alpha-BHC			U	ND	ug/L					
beta-BHC			U	ND	ug/L					
cis-Chlordane			U	ND	ug/L					
delta-BHC			U	ND	ug/L					
gamma-BHC (Lindane)			U	ND	ug/L					
trans-Chlordane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2979097											
**4cmx	1.00			0.873	ug/L			87	(29%-119%)	YS1	04/17/26 10:44
**Decachlorobiphenyl	1.00			0.944	ug/L			94	(43%-140%)		
Spectrometric Analysis											
Batch 2975721											
QC1206432725 771803002 DUP											
Hexavalent Chromium	U	ND	U	ND	mg/L	N/A				IS2	04/10/26 10:00
QC1206432727 771804009 DUP											
Hexavalent Chromium	J	0.00525	J	0.00525	mg/L	0	^		(+/-0.0100)		04/10/26 10:01
QC1206432724 LCS											
Hexavalent Chromium	0.0472			0.0498	mg/L			106	(85%-115%)		04/10/26 10:00
QC1206432723 MB											
Hexavalent Chromium			U	ND	mg/L						04/10/26 10:00
QC1206432726 771803002 MS											
Hexavalent Chromium	0.0472	U	ND	0.0510	mg/L			108	(85%-115%)		04/10/26 10:00
Batch 2980165											
QC1206440372 771638009 DUP											
Hexavalent Chromium	U	ND	U	ND	mg/kg	N/A				BR2	04/22/26 16:01
QC1206440374 ILCS											
Hexavalent Chromium	7.86			7.72	mg/kg			98.2	(80%-120%)		04/22/26 16:01
QC1206440369 LCS											
Hexavalent Chromium	3.41			3.27	mg/kg			95.8	(80%-120%)		04/22/26 16:01

QC Summary

Workorder: 771803

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2980165											
QC1206440368 MB											
Hexavalent Chromium				U	ND	mg/kg				BR2	04/22/26 16:01
QC1206440373 771638009 MS											
Hexavalent Chromium	3.90	U	ND		3.43	mg/kg		87.3	(75%-125%)		04/22/26 16:01
Volatile-GC/MS											
Batch 2981765											
QC1206443374 LCS											
1,1,1-Trichloroethane	50.0				54.0	ug/L		108	(70%-130%)	CO1	04/21/26 08:20
1,1,2,2-Tetrachloroethane	50.0				45.2	ug/L		90	(70%-130%)		
1,1,2-Trichloroethane	50.0				44.1	ug/L		88	(70%-130%)		
1,1-Dichloroethane	50.0				46.7	ug/L		93	(70%-130%)		
1,1-Dichloroethylene	50.0				55.7	ug/L		111	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				47.9	ug/L		96	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				49.6	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				41.9	ug/L		84	(70%-130%)		
1,2-Dibromoethane	50.0				46.1	ug/L		92	(70%-130%)		
1,2-Dichlorobenzene	50.0				47.9	ug/L		96	(70%-130%)		
1,2-Dichloroethane	50.0				47.8	ug/L		96	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
1,2-Dichloropropane	50.0			43.1	ug/L		86	(70%-130%)	CO1	04/21/26 08:20
1,3-Dichlorobenzene	50.0			48.2	ug/L		96	(70%-130%)		
1,4-Dichlorobenzene	50.0			47.4	ug/L		95	(70%-130%)		
2-Butanone	250			212	ug/L		85	(70%-130%)		
2-Hexanone	250			217	ug/L		87	(70%-130%)		
4-Methyl-2-pentanone	250			218	ug/L		87	(70%-130%)		
Acetone	250			218	ug/L		87	(70%-130%)		
Benzene	50.0			44.6	ug/L		89	(70%-130%)		
Bromochloromethane	50.0			46.2	ug/L		92	(70%-130%)		
Bromodichloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Bromoform	50.0			46.1	ug/L		92	(70%-130%)		
Bromomethane	50.0			49.7	ug/L		99	(70%-130%)		
Carbon disulfide	250			259	ug/L		104	(70%-130%)		
Carbon tetrachloride	50.0			55.8	ug/L		112	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Chlorobenzene	50.0			46.2	ug/L		92	(70%-130%)	CO1	04/21/26 08:20
Chloroethane	50.0			54.3	ug/L		109	(70%-130%)		
Chloroform	50.0			48.6	ug/L		97	(70%-130%)		
Chloromethane	50.0			50.7	ug/L		101	(70%-130%)		
Cyclohexane	50.0			47.1	ug/L		94	(70%-130%)		
Dibromochloromethane	50.0			51.8	ug/L		104	(70%-130%)		
Dichlorodifluoromethane	50.0			57.7	ug/L		115	(70%-130%)		
Ethylbenzene	50.0			48.2	ug/L		96	(70%-130%)		
Isopropylbenzene	50.0			53.6	ug/L		107	(70%-130%)		
Methyl acetate	250			215	ug/L		86	(70%-130%)		
Methylcyclohexane	50.0			47.1	ug/L		94	(70%-130%)		
Methylene chloride	50.0			48.0	ug/L		96	(70%-130%)		
Styrene	50.0			49.9	ug/L		100	(70%-130%)		
Tetrachloroethylene	50.0			49.0	ug/L		98	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Toluene	50.0			47.1	ug/L		94	(70%-130%)	CO1	04/21/26 08:20
Trichloroethylene	50.0			49.6	ug/L		99	(70%-130%)		
Trichlorofluoromethane	50.0			53.7	ug/L		107	(70%-130%)		
Vinyl chloride	50.0			56.9	ug/L		114	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			46.5	ug/L		93	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			47.3	ug/L		95	(70%-130%)		
m,p-Xylenes	100			96.3	ug/L		96	(70%-130%)		
o-Xylene	50.0			49.1	ug/L		98	(70%-130%)		
tert-Butyl methyl ether	50.0			44.0	ug/L		88	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			50.9	ug/L		102	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			46.8	ug/L		94	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			54.3	ug/L		109	(71%-131%)		
**Bromofluorobenzene	50.0			54.5	ug/L		109	(77%-123%)		
**Toluene-d8	50.0			54.0	ug/L		108	(77%-121%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
QC1206443375 LCS										
1,4-Dioxane	2500			1990	ug/L		80	(70%-130%)	CO1	04/21/26 08:46
Trichlorotrifluoroethane	250			247	ug/L		99	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			53.4	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0			53.4	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			53.0	ug/L		106	(77%-121%)		
QC1206443376 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/21/26 09:37
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
1,2-Dichlorobenzene			U	ND	ug/L				CO1	04/21/26 09:37
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Bromomethane			U	ND	ug/L				CO1	04/21/26 09:37
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Methylene chloride			U	ND	ug/L				CO1	04/21/26 09:37
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
trans-1,3-Dichloropropylene				U	ND	ug/L				CO1	04/21/26 09:37
**1,2-Dichloroethane-d4	50.0				54.2	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0				52.1	ug/L		104	(77%-123%)		
**Toluene-d8	50.0				52.6	ug/L		105	(77%-121%)		
QC1206443377 773323001 MS											
1,1,1-Trichloroethane	50.0	U	ND		57.8	ug/L		116	(60%-123%)		04/21/26 16:46
1,1,2,2-Tetrachloroethane	50.0	U	ND		44.7	ug/L		89	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		45.9	ug/L		92	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		49.7	ug/L		99	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		56.9	ug/L		114	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		48.6	ug/L		97	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		49.7	ug/L		99	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		43.5	ug/L		87	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		49.0	ug/L		98	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		48.3	ug/L		97	(58%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
1,2-Dichloroethane	50.0	U	ND		58.6	ug/L		117	(58%-130%)	CO1	04/21/26 16:46
1,2-Dichloropropane	50.0	U	ND		47.0	ug/L		94	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		47.6	ug/L		95	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		47.8	ug/L		96	(54%-123%)		
2-Butanone	250	U	ND		255	ug/L		102	(59%-136%)		
2-Hexanone	250	U	ND		263	ug/L		105	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		238	ug/L		95	(63%-135%)		
Acetone	250	U	ND		264	ug/L		106	(50%-140%)		
Benzene	50.0	U	ND		45.1	ug/L		90	(64%-119%)		
Bromochloromethane	50.0	U	ND		47.5	ug/L		95	(63%-130%)		
Bromodichloromethane	50.0	U	ND		55.4	ug/L		111	(65%-125%)		
Bromoform	50.0	U	ND		47.0	ug/L		94	(49%-129%)		
Bromomethane	50.0	U	ND		47.0	ug/L		94	(55%-154%)		
Carbon disulfide	250	U	ND		241	ug/L		96	(60%-139%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Carbon tetrachloride	50.0	U	ND		60.3	ug/L		121	(60%-127%)	CO1	04/21/26 16:46
Chlorobenzene	50.0	U	ND		46.9	ug/L		94	(61%-120%)		
Chloroethane	50.0	U	ND		49.3	ug/L		99	(60%-138%)		
Chloroform	50.0	U	ND		52.5	ug/L		105	(64%-122%)		
Chloromethane	50.0	U	ND		49.4	ug/L		99	(43%-161%)		
Cyclohexane	50.0	U	ND		47.3	ug/L		95	(51%-125%)		
Dibromochloromethane	50.0	U	ND		56.6	ug/L		113	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		55.3	ug/L		111	(37%-162%)		
Ethylbenzene	50.0	U	ND		48.7	ug/L		97	(57%-122%)		
Isopropylbenzene	50.0	U	ND		50.4	ug/L		101	(53%-128%)		
Methyl acetate	250	U	ND		250	ug/L		100	(58%-145%)		
Methylcyclohexane	50.0	U	ND		46.5	ug/L		93	(58%-122%)		
Methylene chloride	50.0	J	1.01		47.8	ug/L		94	(61%-135%)		
Styrene	50.0	U	ND		51.8	ug/L		104	(55%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Tetrachloroethylene	50.0	U	ND		47.6	ug/L		95	(53%-124%)	CO1	04/21/26 16:46
Toluene	50.0	U	ND		45.8	ug/L		92	(60%-120%)		
Trichloroethylene	50.0	U	ND		50.8	ug/L		102	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		54.9	ug/L		110	(51%-134%)		
Vinyl chloride	50.0	U	ND		54.0	ug/L		108	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		45.9	ug/L		92	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		51.3	ug/L		103	(61%-123%)		
m,p-Xylenes	100	U	ND		95.9	ug/L		96	(58%-122%)		
o-Xylene	50.0	U	ND		51.2	ug/L		102	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		47.3	ug/L		95	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		53.1	ug/L		106	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		50.3	ug/L		101	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		57.5		65.3	ug/L		131	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		53.7	ug/L		107	(77%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
**Toluene-d8	50.0		54.1		53.6	ug/L		107	(77%-121%)	CO1	04/21/26 16:46
QC1206443379 773323001 MS											
1,4-Dioxane	2500	U	ND		2170	ug/L		87	(50%-136%)		04/21/26 17:36
Trichlorotrifluoroethane	250	U	ND		235	ug/L		94	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		57.5		58.2	ug/L		116	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		54.6	ug/L		109	(77%-123%)		
**Toluene-d8	50.0		54.1		54.5	ug/L		109	(77%-121%)		
QC1206443378 773323001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		54.6	ug/L	6	109	(0%-20%)		04/21/26 17:11
1,1,2,2-Tetrachloroethane	50.0	U	ND		44.7	ug/L	0	89	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		45.4	ug/L	1	91	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		47.9	ug/L	4	96	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		55.2	ug/L	3	110	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		47.2	ug/L	3	94	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
1,2-Dibromo-3-chloropropane	50.0	U	ND		42.7	ug/L	2	85	(0%-20%)	CO1	04/21/26 17:11
1,2-Dibromoethane	50.0	U	ND		47.5	ug/L	3	95	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		47.8	ug/L	1	96	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		54.3	ug/L	8	109	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		44.9	ug/L	5	90	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		47.1	ug/L	1	94	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		47.6	ug/L	0	95	(0%-20%)		
2-Butanone	250	U	ND		241	ug/L	6	96	(0%-20%)		
2-Hexanone	250	U	ND		249	ug/L	5	100	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		233	ug/L	2	93	(0%-20%)		
Acetone	250	U	ND		249	ug/L	6	100	(0%-20%)		
Benzene	50.0	U	ND		44.3	ug/L	2	89	(0%-20%)		
Bromochloromethane	50.0	U	ND		47.0	ug/L	1	94	(0%-20%)		
Bromodichloromethane	50.0	U	ND		52.6	ug/L	5	105	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Bromoform	50.0	U	ND		46.4	ug/L	1	93	(0%-20%)	CO1	04/21/26 17:11
Bromomethane	50.0	U	ND		47.4	ug/L	1	95	(0%-20%)		
Carbon disulfide	250	U	ND		240	ug/L	0	96	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		56.4	ug/L	7	113	(0%-20%)		
Chlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
Chloroethane	50.0	U	ND		49.4	ug/L	0	99	(0%-20%)		
Chloroform	50.0	U	ND		50.6	ug/L	4	101	(0%-20%)		
Chloromethane	50.0	U	ND		50.6	ug/L	2	101	(0%-20%)		
Cyclohexane	50.0	U	ND		45.7	ug/L	3	91	(0%-20%)		
Dibromochloromethane	50.0	U	ND		54.0	ug/L	5	108	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		52.3	ug/L	6	105	(0%-20%)		
Ethylbenzene	50.0	U	ND		47.8	ug/L	2	96	(0%-20%)		
Isopropylbenzene	50.0	U	ND		50.0	ug/L	1	100	(0%-20%)		
Methyl acetate	250	U	ND		239	ug/L	5	95	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Methylcyclohexane	50.0	U	ND		44.9	ug/L	3	90	(0%-20%)	CO1	04/21/26 17:11
Methylene chloride	50.0	J	1.01		47.7	ug/L	0	93	(0%-20%)		
Styrene	50.0	U	ND		50.4	ug/L	3	101	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		46.8	ug/L	2	94	(0%-20%)		
Toluene	50.0	U	ND		45.5	ug/L	1	91	(0%-20%)		
Trichloroethylene	50.0	U	ND		49.2	ug/L	3	98	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		51.9	ug/L	6	104	(0%-20%)		
Vinyl chloride	50.0	U	ND		52.8	ug/L	2	106	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		46.1	ug/L	0	92	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		48.8	ug/L	5	98	(0%-20%)		
m,p-Xylenes	100	U	ND		94.3	ug/L	2	94	(0%-20%)		
o-Xylene	50.0	U	ND		49.5	ug/L	3	99	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		45.9	ug/L	3	92	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		51.4	ug/L	3	103	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
trans-1,3-Dichloropropylene	50.0	U	ND		48.8	ug/L	3	98	(0%-20%)	CO1	04/21/26 17:11
**1,2-Dichloroethane-d4	50.0		57.5		60.5	ug/L		121	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		53.0	ug/L		106	(77%-123%)		
**Toluene-d8	50.0		54.1		53.5	ug/L		107	(77%-121%)		
QC1206443380 773323001 MSD											
1,4-Dioxane	2500	U	ND		2100	ug/L	3	84	(0%-20%)		04/21/26 18:01
Trichlorotrifluoroethane	250	U	ND		229	ug/L	3	92	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		57.5		57.1	ug/L		114	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		52.5	ug/L		105	(77%-123%)		
**Toluene-d8	50.0		54.1		53.5	ug/L		107	(77%-121%)		
Batch 2982825											
QC1206445295 HB											
1,1,1-Trichloroethane				U	ND	ug/kg				JM6	04/22/26 13:26
1,1,2,2-Tetrachloroethane				U	ND	ug/kg					
1,1,2-Trichloroethane				U	ND	ug/kg					
1,1-Dichloroethane				U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethylene			U	ND	ug/kg				JM6	04/22/26	13:26
1,2,3-Trichlorobenzene			U	ND	ug/kg						
1,2,4-Trichlorobenzene			U	ND	ug/kg						
1,2-Dibromo-3-chloropropane			U	ND	ug/kg						
1,2-Dibromoethane			U	ND	ug/kg						
1,2-Dichlorobenzene			U	ND	ug/kg						
1,2-Dichloroethane			U	ND	ug/kg						
1,2-Dichloropropane			U	ND	ug/kg						
1,3-Dichlorobenzene			U	ND	ug/kg						
1,4-Dichlorobenzene			U	ND	ug/kg						
1,4-Dioxane			U	ND	ug/kg						
2-Butanone			U	ND	ug/kg						
2-Hexanone			U	ND	ug/kg						
4-Methyl-2-pentanone			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Acetone			U	ND	ug/kg				JM6	04/22/26	13:26
Benzene			U	ND	ug/kg						
Bromochloromethane			U	ND	ug/kg						
Bromodichloromethane			U	ND	ug/kg						
Bromoform			U	ND	ug/kg						
Bromomethane			U	ND	ug/kg						
Carbon disulfide			U	ND	ug/kg						
Carbon tetrachloride			U	ND	ug/kg						
Chlorobenzene			U	ND	ug/kg						
Chloroethane			U	ND	ug/kg						
Chloroform			U	ND	ug/kg						
Chloromethane			U	ND	ug/kg						
Cyclohexane			U	ND	ug/kg						
Dibromochloromethane			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Dichlorodifluoromethane			U	ND	ug/kg				JM6	04/22/26	13:26
Ethylbenzene			U	ND	ug/kg						
Isopropylbenzene			U	ND	ug/kg						
Methyl acetate			U	ND	ug/kg						
Methylcyclohexane			U	ND	ug/kg						
Methylene chloride			U	ND	ug/kg						
Styrene			U	ND	ug/kg						
Tetrachloroethylene			U	ND	ug/kg						
Toluene			U	ND	ug/kg						
Trichloroethylene			U	ND	ug/kg						
Trichlorofluoromethane			U	ND	ug/kg						
Trichlorotrifluoroethane			U	ND	ug/kg						
Vinyl chloride			U	ND	ug/kg						
cis-1,2-Dichloroethylene			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
cis-1,3-Dichloropropylene			U	ND	ug/kg				JM6	04/22/26 13:26
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			52.9	ug/L		106	(75%-131%)		
**Bromofluorobenzene	50.0			50.3	ug/L		101	(67%-136%)		
**Toluene-d8	50.0			49.8	ug/L		100	(79%-122%)		
QC1206445290 LCS										
1,1,1-Trichloroethane	50.0			43.8	ug/kg		88	(72%-126%)		04/22/26 11:19
1,1,2,2-Tetrachloroethane	50.0			40.0	ug/kg		80	(69%-120%)		
1,1,2-Trichloroethane	50.0			42.0	ug/kg		84	(74%-120%)		
1,1-Dichloroethane	50.0			42.6	ug/kg		85	(72%-126%)		
1,1-Dichloroethylene	50.0			46.7	ug/kg		93	(71%-136%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,2,3-Trichlorobenzene	50.0			47.5	ug/kg		95	(67%-130%)	JM6	04/22/26	11:19
1,2,4-Trichlorobenzene	50.0			47.5	ug/kg		95	(68%-130%)			
1,2-Dibromo-3-chloropropane	50.0			37.8	ug/kg		76	(60%-135%)			
1,2-Dibromoethane	50.0			44.6	ug/kg		89	(79%-120%)			
1,2-Dichlorobenzene	50.0			43.1	ug/kg		86	(73%-120%)			
1,2-Dichloroethane	50.0			44.9	ug/kg		90	(66%-123%)			
1,2-Dichloropropane	50.0			43.0	ug/kg		86	(72%-120%)			
1,3-Dichlorobenzene	50.0			42.5	ug/kg		85	(72%-120%)			
1,4-Dichlorobenzene	50.0			41.0	ug/kg		82	(72%-120%)			
2-Butanone	250			212	ug/kg		85	(66%-125%)			
2-Hexanone	250			242	ug/kg		97	(64%-131%)			
4-Methyl-2-pentanone	250			225	ug/kg		90	(70%-126%)			
Acetone	250			184	ug/kg		73	(60%-124%)			
Benzene	50.0			41.0	ug/kg		82	(73%-120%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
Bromochloromethane	50.0			43.4	ug/kg		87	(73%-123%)	JM6	04/22/26 11:19
Bromodichloromethane	50.0			46.4	ug/kg		93	(74%-124%)		
Bromoform	50.0			40.5	ug/kg		81	(64%-126%)		
Bromomethane	50.0			41.8	ug/kg		84	(67%-138%)		
Carbon disulfide	250			213	ug/kg		85	(69%-136%)		
Carbon tetrachloride	50.0			43.9	ug/kg		88	(72%-132%)		
Chlorobenzene	50.0			39.7	ug/kg		79	(74%-120%)		
Chloroethane	50.0			39.7	ug/kg		79	(69%-133%)		
Chloroform	50.0			43.6	ug/kg		87	(72%-122%)		
Chloromethane	50.0			36.2	ug/kg		72	(53%-142%)		
Cyclohexane	50.0			46.1	ug/kg		92	(63%-130%)		
Dibromochloromethane	50.0			47.4	ug/kg		95	(73%-125%)		
Dichlorodifluoromethane	50.0			35.5	ug/kg		71	(57%-150%)		
Ethylbenzene	50.0			42.8	ug/kg		86	(72%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
Isopropylbenzene	50.0			47.8	ug/kg		96	(74%-129%)	JM6	04/22/26 11:19
Methyl acetate	250			209	ug/kg		84	(66%-131%)		
Methylcyclohexane	50.0			44.0	ug/kg		88	(71%-127%)		
Methylene chloride	50.0			39.6	ug/kg		79	(71%-124%)		
Styrene	50.0			40.5	ug/kg		81	(70%-123%)		
Tetrachloroethylene	50.0			41.7	ug/kg		83	(68%-126%)		
Toluene	50.0			40.9	ug/kg		82	(73%-120%)		
Trichloroethylene	50.0			44.1	ug/kg		88	(74%-122%)		
Trichlorofluoromethane	50.0			38.6	ug/kg		77	(66%-137%)		
Vinyl chloride	50.0			40.9	ug/kg		82	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			45.9	ug/kg		92	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			40.7	ug/kg		81	(74%-123%)		
m,p-Xylenes	100			89.0	ug/kg		89	(72%-121%)		
o-Xylene	50.0			47.0	ug/kg		94	(73%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
tert-Butyl methyl ether	50.0			39.6	ug/kg		79	(63%-128%)	JM6	04/22/26 11:19
trans-1,2-Dichloroethylene	50.0			45.1	ug/kg		90	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			40.0	ug/kg		80	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			53.4	ug/L		107	(75%-131%)		
**Bromofluorobenzene	50.0			50.2	ug/L		100	(67%-136%)		
**Toluene-d8	50.0			48.4	ug/L		97	(79%-122%)		
QC1206445291 LCS										
1,4-Dioxane	2500			2110	ug/kg		84	(57%-134%)		04/22/26 12:10
Trichlorotrifluoroethane	250			199	ug/kg		80	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			56.2	ug/L		112	(75%-131%)		
**Bromofluorobenzene	50.0			53.2	ug/L		106	(67%-136%)		
**Toluene-d8	50.0			48.3	ug/L		97	(79%-122%)		
QC1206445292 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					04/22/26 13:01
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethane			U	ND	ug/kg				JM6	04/22/26	13:01
1,1-Dichloroethylene			U	ND	ug/kg						
1,2,3-Trichlorobenzene			U	ND	ug/kg						
1,2,4-Trichlorobenzene			U	ND	ug/kg						
1,2-Dibromo-3-chloropropane			U	ND	ug/kg						
1,2-Dibromoethane			U	ND	ug/kg						
1,2-Dichlorobenzene			U	ND	ug/kg						
1,2-Dichloroethane			U	ND	ug/kg						
1,2-Dichloropropane			U	ND	ug/kg						
1,3-Dichlorobenzene			U	ND	ug/kg						
1,4-Dichlorobenzene			U	ND	ug/kg						
1,4-Dioxane			U	ND	ug/kg						
2-Butanone			U	ND	ug/kg						
2-Hexanone			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
4-Methyl-2-pentanone			U	ND	ug/kg				JM6	04/22/26 13:01
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Dibromochloromethane			U	ND	ug/kg				JM6	04/22/26	13:01
Dichlorodifluoromethane			U	ND	ug/kg						
Ethylbenzene			U	ND	ug/kg						
Isopropylbenzene			U	ND	ug/kg						
Methyl acetate			U	ND	ug/kg						
Methylcyclohexane			U	ND	ug/kg						
Methylene chloride			U	ND	ug/kg						
Styrene			U	ND	ug/kg						
Tetrachloroethylene			U	ND	ug/kg						
Toluene			U	ND	ug/kg						
Trichloroethylene			U	ND	ug/kg						
Trichlorofluoromethane			U	ND	ug/kg						
Trichlorotrifluoroethane			U	ND	ug/kg						
Vinyl chloride			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
cis-1,2-Dichloroethylene			U	ND	ug/kg				JM6	04/22/26 13:01
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			52.5	ug/L		105	(75%-131%)		
**Bromofluorobenzene	50.0			51.2	ug/L		102	(67%-136%)		
**Toluene-d8	50.0			49.1	ug/L		98	(79%-122%)		
QC1206445293 771803012 MS										
1,1,1-Trichloroethane	24000	U	ND	23400	ug/kg		97	(41%-133%)		04/22/26 19:51
1,1,2,2-Tetrachloroethane	24000	U	ND	21600	ug/kg		90	(37%-136%)		
1,1,2-Trichloroethane	24000	U	ND	23000	ug/kg		96	(44%-128%)		
1,1-Dichloroethane	24000	U	ND	23600	ug/kg		98	(44%-135%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethylene	24000	U	ND		27000	ug/kg		113	(40%-147%)	JM6	04/22/26 19:51
1,2,3-Trichlorobenzene	24000	U	ND		23100	ug/kg		97	(30%-133%)		
1,2,4-Trichlorobenzene	24000	U	ND		23100	ug/kg		97	(29%-139%)		
1,2-Dibromo-3-chloropropane	24000	U	ND		19100	ug/kg		80	(30%-142%)		
1,2-Dibromoethane	24000	U	ND		24000	ug/kg		100	(45%-133%)		
1,2-Dichlorobenzene	24000	U	ND		22300	ug/kg		93	(24%-133%)		
1,2-Dichloroethane	24000	U	ND		25300	ug/kg		105	(43%-129%)		
1,2-Dichloropropane	24000	U	ND		23800	ug/kg		99	(44%-128%)		
1,3-Dichlorobenzene	24000	U	ND		22300	ug/kg		93	(24%-132%)		
1,4-Dichlorobenzene	24000	U	ND		21400	ug/kg		89	(24%-132%)		
2-Butanone	120000	U	ND		113000	ug/kg		94	(43%-134%)		
2-Hexanone	120000	U	ND		127000	ug/kg		106	(34%-142%)		
4-Methyl-2-pentanone	120000	U	ND		121000	ug/kg		101	(44%-137%)		
Acetone	120000	U	ND		95700	ug/kg		80	(37%-134%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2982825												
Benzene	24000	U	ND		22700	ug/kg		95	(43%-127%)	JM6	04/22/26	19:51
Bromochloromethane	24000	U	ND		23900	ug/kg		100	(45%-132%)			
Bromodichloromethane	24000	U	ND		25700	ug/kg		107	(44%-130%)			
Bromoform	24000	U	ND		22300	ug/kg		93	(34%-131%)			
Bromomethane	24000	U	ND		13800	ug/kg		57	(15%-150%)			
Carbon disulfide	120000	U	ND		124000	ug/kg		103	(39%-145%)			
Carbon tetrachloride	24000	U	ND		23400	ug/kg		97	(40%-137%)			
Chlorobenzene	24000	U	ND		21300	ug/kg		89	(35%-128%)			
Chloroethane	24000	U	ND		23600	ug/kg		99	(35%-142%)			
Chloroform	24000	U	ND		24000	ug/kg		100	(44%-129%)			
Chloromethane	24000	U	ND		21300	ug/kg		89	(32%-150%)			
Cyclohexane	24000	U	ND		25400	ug/kg		106	(30%-136%)			
Dibromochloromethane	24000	U	ND		25400	ug/kg		106	(42%-130%)			
Dichlorodifluoromethane	24000	U	ND		25100	ug/kg		105	(31%-159%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
Ethylbenzene	24000	U	ND		22700	ug/kg		95	(33%-131%)	JM6	04/22/26 19:51
Isopropylbenzene	24000	U	ND		25800	ug/kg		108	(27%-147%)		
Methyl acetate	120000	U	ND		118000	ug/kg		98	(42%-154%)		
Methylcyclohexane	24000	U	ND		23200	ug/kg		97	(27%-137%)		
Methylene chloride	24000	U	ND		23100	ug/kg		96	(43%-136%)		
Styrene	24000	U	ND		21500	ug/kg		90	(29%-133%)		
Tetrachloroethylene	24000	U	ND		21900	ug/kg		91	(31%-134%)		
Toluene	24000	U	ND		22000	ug/kg		92	(35%-132%)		
Trichloroethylene	24000	U	ND		24500	ug/kg		102	(39%-133%)		
Trichlorofluoromethane	24000	U	ND		21700	ug/kg		90	(39%-140%)		
Vinyl chloride	24000	U	ND		23300	ug/kg		97	(32%-146%)		
cis-1,2-Dichloroethylene	24000	U	ND		25500	ug/kg		106	(43%-131%)		
cis-1,3-Dichloropropylene	24000	U	ND		22400	ug/kg		93	(38%-131%)		
m,p-Xylenes	47900	U	ND		46800	ug/kg		98	(32%-131%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
o-Xylene	24000	U	ND		25100	ug/kg		105	(33%-131%)	JM6	04/22/26 19:51
tert-Butyl methyl ether	24000	U	ND		23100	ug/kg		96	(46%-128%)		
trans-1,2-Dichloroethylene	24000	U	ND		25300	ug/kg		106	(41%-135%)		
trans-1,3-Dichloropropylene	24000	U	ND		22100	ug/kg		92	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		52.6		54.8	ug/L		110	(75%-131%)		
**Bromofluorobenzene	50.0		50.2		52.3	ug/L		105	(67%-136%)		
**Toluene-d8	50.0		48.3		48.7	ug/L		97	(79%-122%)		
QC1206445430 771803012 MS											
1,4-Dioxane	1200000	U	ND		1170000	ug/kg		98	(40%-142%)		04/22/26 20:42
Trichlorotrifluoroethane	120000	U	ND		112000	ug/kg		94	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		52.6		55.7	ug/L		111	(75%-131%)		
**Bromofluorobenzene	50.0		50.2		54.1	ug/L		108	(67%-136%)		
**Toluene-d8	50.0		48.3		48.9	ug/L		98	(79%-122%)		
QC1206445294 771803012 MSD											
1,1,1-Trichloroethane	24000	U	ND		23300	ug/kg	0	97	(0%-20%)		04/22/26 20:16
1,1,2,2-Tetrachloroethane	24000	U	ND		21900	ug/kg	1	91	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2982825												
1,1,2-Trichloroethane	24000	U	ND		23100	ug/kg	0	96	(0%-20%)	JM6	04/22/26	20:16
1,1-Dichloroethane	24000	U	ND		23500	ug/kg	0	98	(0%-20%)			
1,1-Dichloroethylene	24000	U	ND		27100	ug/kg	0	113	(0%-20%)			
1,2,3-Trichlorobenzene	24000	U	ND		24800	ug/kg	7	104	(0%-20%)			
1,2,4-Trichlorobenzene	24000	U	ND		24800	ug/kg	7	104	(0%-20%)			
1,2-Dibromo-3-chloropropane	24000	U	ND		20400	ug/kg	7	85	(0%-20%)			
1,2-Dibromoethane	24000	U	ND		24100	ug/kg	0	101	(0%-20%)			
1,2-Dichlorobenzene	24000	U	ND		22700	ug/kg	1	95	(0%-20%)			
1,2-Dichloroethane	24000	U	ND		25400	ug/kg	1	106	(0%-20%)			
1,2-Dichloropropane	24000	U	ND		23800	ug/kg	0	99	(0%-20%)			
1,3-Dichlorobenzene	24000	U	ND		22100	ug/kg	1	92	(0%-20%)			
1,4-Dichlorobenzene	24000	U	ND		21100	ug/kg	1	88	(0%-20%)			
2-Butanone	120000	U	ND		125000	ug/kg	10	104	(0%-20%)			
2-Hexanone	120000	U	ND		133000	ug/kg	5	111	(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Volatile-GC/MS													
Batch 2982825													
4-Methyl-2-pentanone	120000	U	ND		126000	ug/kg	4		105	(0%-20%)	JM6	04/22/26	20:16
Acetone	120000	U	ND		109000	ug/kg	13		91	(0%-20%)			
Benzene	24000	U	ND		22700	ug/kg	0		95	(0%-20%)			
Bromochloromethane	24000	U	ND		23600	ug/kg	1		99	(0%-20%)			
Bromodichloromethane	24000	U	ND		25400	ug/kg	1		106	(0%-20%)			
Bromoform	24000	U	ND		21800	ug/kg	2		91	(0%-20%)			
Bromomethane	24000	U	ND		6840	ug/kg	67	*	29	(0%-20%)			
Carbon disulfide	120000	U	ND		125000	ug/kg	1		104	(0%-20%)			
Carbon tetrachloride	24000	U	ND		23200	ug/kg	1		97	(0%-20%)			
Chlorobenzene	24000	U	ND		20700	ug/kg	3		86	(0%-20%)			
Chloroethane	24000	U	ND		26100	ug/kg	10		109	(0%-20%)			
Chloroform	24000	U	ND		24300	ug/kg	1		101	(0%-20%)			
Chloromethane	24000	U	ND		22000	ug/kg	3		92	(0%-20%)			
Cyclohexane	24000	U	ND		25700	ug/kg	1		107	(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
Dibromochloromethane	24000	U	ND		24900	ug/kg	2	104	(0%-20%)	JM6	04/22/26 20:16
Dichlorodifluoromethane	24000	U	ND		27200	ug/kg	8	114	(0%-20%)		
Ethylbenzene	24000	U	ND		22300	ug/kg	2	93	(0%-20%)		
Isopropylbenzene	24000	U	ND		25600	ug/kg	1	107	(0%-20%)		
Methyl acetate	120000	U	ND		124000	ug/kg	5	103	(0%-20%)		
Methylcyclohexane	24000	U	ND		23600	ug/kg	2	99	(0%-20%)		
Methylene chloride	24000	U	ND		23200	ug/kg	0	97	(0%-20%)		
Styrene	24000	U	ND		21300	ug/kg	1	89	(0%-20%)		
Tetrachloroethylene	24000	U	ND		21300	ug/kg	3	89	(0%-20%)		
Toluene	24000	U	ND		21800	ug/kg	1	91	(0%-20%)		
Trichloroethylene	24000	U	ND		24400	ug/kg	0	102	(0%-20%)		
Trichlorofluoromethane	24000	U	ND		23400	ug/kg	8	98	(0%-20%)		
Vinyl chloride	24000	U	ND		25200	ug/kg	8	105	(0%-20%)		
cis-1,2-Dichloroethylene	24000	U	ND		25700	ug/kg	1	107	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Volatile-GC/MS													
Batch 2982825													
cis-1,3-Dichloropropylene	24000	U	ND		22500	ug/kg	1		94	(0%-20%)	JM6	04/22/26	20:16
m,p-Xylenes	47900	U	ND		46700	ug/kg	0		98	(0%-20%)			
o-Xylene	24000	U	ND		24500	ug/kg	3		102	(0%-20%)			
tert-Butyl methyl ether	24000	U	ND		23400	ug/kg	1		98	(0%-20%)			
trans-1,2-Dichloroethylene	24000	U	ND		25500	ug/kg	1		106	(0%-20%)			
trans-1,3-Dichloropropylene	24000	U	ND		22300	ug/kg	1		93	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.6		56.6	ug/L			113	(75%-131%)			
**Bromofluorobenzene	50.0		50.2		52.7	ug/L			105	(67%-136%)			
**Toluene-d8	50.0		48.3		49.1	ug/L			98	(79%-122%)			
QC1206445431 771803012 MSD													
1,4-Dioxane	599000	U	ND		622000	ug/kg	61	*	104	(0%-20%)		04/22/26	21:07
Trichlorotrifluoroethane	59900	U	ND		56800	ug/kg	66	*	95	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.6		54.9	ug/L			110	(75%-131%)			
**Bromofluorobenzene	50.0		50.2		54.7	ug/L			109	(67%-136%)			
**Toluene-d8	50.0		48.3		49.0	ug/L			98	(79%-122%)			

Notes:

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
h	h	Preparation or preservation holding time was exceeded
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
E	E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Client : **GEL Engineering, LLC**
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
** Indicates analyte is a surrogate/tracer compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 771803
GEL Project Manager: Julie Robinson

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Radioactive (If yes, please supply isotopic info.)	(7) Known or possible Hazards	Total number of containers	HA: TCL VOCs	HA: TCL SVOCs	NI: Total TAL metals + Hg *	NI: Dissolved TAL metals + Hg *	Total Cr6	Dissolved Cr6	SH: Cyanide	PFAS 1633	TCL PCBs	TCL Pesticides	Comments
LS-TB-040926	04-09-26	0730	TB	N	DI			3	3										
LS-MW-04		1210	N	N*	GW			14	3	2	1	1	1	1	1		2	2	* Dissolved TAL
LS-MW-22		1335	N	N*	GW			9	3	2	1	1	1	1					metals + Cr6
LS-MW-22-DP		1337	DUP	N*	GW			9	3	2	1	1	1	1					filtered in field
LS-SW-06		1400	G	N*	SW			9	3	2	1	1	1	1					
LS-SW-06-DP		1402	DUP	N*	SW			9	3	2	1	1	1	1					
LS-SD-02		1420	G	N	SD			5	X	X	X		X						

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	4-9-26	1650	M. Stevens	4-9-26	1650
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No ***Cooler Temp:*** 1.3 °C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone : [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**).

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 771803	GEL PM:
Received By: MLS/ED	Date Received at GEL: 4-9-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR1-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
1	2				
2	3				
3	2				
4	1				
5	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): Ø CPM / uR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA ✓ Sample IDs and containers affected: LS-TB-040926
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 4/10/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 04 May 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771803

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2981765

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803001	LS-TB-040926
771803002	LS-MW-04
771803004	LS-MW-22
771803006	LS-MW-22-DP
771803008	LS-SW-06
771803010	LS-SW-06-DP
1206443374	Laboratory Control Sample (LCS) **Batch 2981765**
1206443375	Laboratory Control Sample (LCS)
1206443376	Method Blank (MB)
1206443377	773323001(NonSDG) Matrix Spike (MS)
1206443378	773323001(NonSDG) Matrix Spike Duplicate (MSD)
1206443379	773323001(NonSDG) Matrix Spike (MS)
1206443380	773323001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 771803001 (LS-TB-040926), 771803002 (LS-MW-04), 771803004 (LS-MW-22), 771803006 (LS-MW-22-DP), 771803008 (LS-SW-06) and 771803010 (LS-SW-06-DP) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2982825

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14

Preparation Batch: 2982824

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206445290	Laboratory Control Sample (LCS) **Batch 2982825**
1206445291	Laboratory Control Sample (LCS)
1206445292	Method Blank (MB)
1206445293	771803012(LS-SD-03) Matrix Spike (MS)
1206445294	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)
1206445295	High Blank (HB)
1206445430	771803012(LS-SD-03) Matrix Spike (MS)
1206445431	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206445293MS and 1206445294MSD (LS-SD-03)	Bromomethane	RPD 67* (0%-20%)
1206445430MS and 1206445431MSD (LS-SD-03)	1, 4-Dioxane	RPD 61* (0%-20%)
	Trichlorotrifluoroethane	RPD 66* (0%-20%)

Technical Information

Sample Dilutions/Methanol Dilutions
Sample 771803012 (LS-SD-03) was analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

Analyte	**771803012**
Several	50X

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2977541

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2977540

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803004	LS-MW-22
771803006	LS-MW-22-DP
771803008	LS-SW-06
771803010	LS-SW-06-DP
1206435779	Method Blank (MB) **Batch 2977541**
1206435780	Laboratory Control Sample (LCS)
1206435783	771903001(NonSDG) Matrix Spike (MS)
1206435784	771903001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) displayed failing surrogate recoveries. Because the recoveries were biased high and target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435784 (Non SDG 771903001MSD)	2-Fluorophenol	78* (15%-72%)

Sample (See Below) did not meet surrogate recovery criteria. The sample was re-extracted out of holding and displayed similar low, but passing surrogate recoveries. The failures were attributed to sample matrix interference and the initial data were reported.

Sample	Analyte	Value
771803006 (LS-MW-22-DP)	p-Terphenyl-d14	18* (20%-118%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435780 (LCS)	Benzaldehyde	25* (27%-111%)
	Hexachlorocyclopentadiene	30* (31%-64%)

Spike Recovery Statement
The MS or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. Because the recoveries were biased high and the target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	4-Nitrophenol	96* (9%-95%)
1206435784 (Non SDG 771903001MSD)	Phenol	83* (16%-74%)
	m, p-Cresols	110* (21%-105%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	Benzaldehyde	0* (16%-109%)
1206435784 (Non SDG 771903001MSD)	Benzaldehyde	15* (16%-109%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206435783MS and 1206435784MSD (Non SDG 771903001)	Benzaldehyde	RPD 200* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all

reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2978441

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2978440

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206437200	Method Blank (MB) **Batch 2978441**
1206437201	Laboratory Control Sample (LCS)
1206437202	771803012(LS-SD-03) Matrix Spike (MS)
1206437203	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
The MS and MSD (See Below) did not meet surrogate recovery acceptance criteria. The parent sample met all surrogate recovery acceptance criteria, while the MS and MSD also displayed multiple spike recovery failures. The parent sample was re-extracted within holding but without a MS/MSD pair. The re-extraction did not meet surrogate recovery acceptance criteria. There were no target analytes detected in either extraction. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202 (LS-SD-03MS)	2, 4, 6-Tribromophenol	18* (20%-104%)
	2-Fluorobiphenyl	17* (20%-93%)
	p-Terphenyl-d14	20* (24%-107%)
1206437203 (LS-SD-03MSD)	2, 4, 6-Tribromophenol	12* (20%-104%)
	2-Fluorobiphenyl	10* (20%-93%)
	2-Fluorophenol	11* (19%-94%)
	Nitrobenzene-d5	10* (19%-90%)
	Phenol-d5	12* (20%-99%)
	p-Terphenyl-d14	14* (24%-107%)

Spike Recovery Statement
The MS and MSD (See Below) did not meet spike recovery acceptance criteria. The parent sample met all surrogate recovery acceptance criteria, while the MS and MSD also displayed multiple surrogate recovery failures. The parent sample was re-extracted within holding but without a MS/MSD pair. The re-extraction did not meet surrogate recovery acceptance criteria. There were no target analytes detected in either extraction. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202 (LS-SD-03MS)	2, 4-Dimethylphenol	13* (17%-73%)
	Benzaldehyde	0* (12%-103%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	Hexachloroethane	15* (16%-87%)
1206437203 (LS-SD-03MSD)	1, 1'-Biphenyl	12* (16%-112%)
	1, 2, 4, 5-Tetrachlorobenzene	10* (16%-106%)
	2, 3, 4, 6-Tetrachlorophenol	12* (15%-114%)
	2, 4, 5-Trichlorophenol	13* (16%-122%)
	2, 4, 6-Trichlorophenol	13* (16%-112%)
	2, 4-Dichlorophenol	12* (15%-112%)
	2, 4-Dimethylphenol	8* (17%-73%)
	2, 4-Dinitrotoluene	13* (15%-119%)
	2, 6-Dinitrotoluene	13* (14%-119%)
	2-Chloronaphthalene	12* (15%-108%)
	2-Chlorophenol	12* (17%-104%)
	2-Methyl-4, 6-dinitrophenol	8* (10%-120%)
	2-Methylnaphthalene	12* (16%-108%)
	2-Nitrophenol	10* (14%-107%)
	4-Bromophenylphenylether	14* (16%-122%)
	4-Chloro-3-methylphenol	14* (17%-116%)
	4-Chloroaniline	12* (16%-91%)
	4-Chlorophenylphenylether	14* (16%-120%)
	Acenaphthene	13* (15%-114%)
	Acenaphthylene	11* (16%-107%)
	Acetophenone	11* (16%-97%)
	Anthracene	15* (16%-119%)
	Benzaldehyde	0* (12%-103%)
	Chrysene	16* (17%-119%)
	Dibenzo(a, h)anthracene	15* (16%-120%)
	Dibenzofuran	13* (17%-114%)
	Diethylphthalate	15* (16%-124%)
	Dimethylphthalate	14* (16%-123%)

	Diphenylamine	15* (18%-116%)
	Fluoranthene	16* (17%-124%)
	Fluorene	13* (16%-119%)
	Hexachlorobenzene	14* (18%-117%)
	Hexachlorobutadiene	9* (15%-101%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	Hexachloroethane	7* (16%-87%)
	Isophorone	11* (12%-116%)
	Naphthalene	11* (15%-105%)
	Nitrobenzene	12* (15%-105%)
	Phenol	13* (16%-107%)
	bis(2-Chloroethoxy)methane	12* (16%-105%)
	bis(2-Chloroethyl) ether	11* (14%-106%)
	m, p-Cresols	14* (17%-106%)
	m-Nitroaniline	14* (15%-103%)
	o-Cresol	12* (17%-104%)
	o-Nitroaniline	15* (16%-116%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD,(See Below), were not within the acceptance limits. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202MS and 1206437203MSD (LS-SD-03)	1, 1'-Biphenyl	RPD 46* (0%-30%)
	1, 2, 4, 5-Tetrachlorobenzene	RPD 48* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 32* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 34* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 37* (0%-30%)
	2, 4-Dichlorophenol	RPD 45* (0%-30%)
	2, 4-Dimethylphenol	RPD 46* (0%-30%)
	2, 4-Dinitrotoluene	RPD 36* (0%-30%)
	2, 6-Dinitrotoluene	RPD 38* (0%-30%)
	2-Chloronaphthalene	RPD 45* (0%-30%)

	2-Chlorophenol, 2-Methylnaphthalene	RPD 51* (0%-30%)
	2-Nitrophenol	RPD 52* (0%-30%)
	4-Bromophenylphenylether	RPD 35* (0%-30%)
	4-Chloro-3-methylphenol	RPD 38* (0%-30%)
	4-Chloroaniline	RPD 41* (0%-30%)
	4-Chlorophenylphenylether, 4-Nitrophenol	RPD 34* (0%-30%)
	Acenaphthene	RPD 40* (0%-30%)
	Acenaphthylene	RPD 43* (0%-30%)
	Acetophenone	RPD 51* (0%-30%)
	Anthracene	RPD 31* (0%-30%)
	Dibenzofuran	RPD 38* (0%-30%)
	Diethylphthalate	RPD 35* (0%-30%)
	Dimethylphthalate	RPD 36* (0%-30%)
	Diphenylamine	RPD 34* (0%-30%)
	Fluorene	RPD 38* (0%-30%)
	Hexachlorobenzene	RPD 32* (0%-30%)
	Hexachlorobutadiene	RPD 58* (0%-30%)
	Hexachloroethane	RPD 73* (0%-30%)
	Isophorone	RPD 49* (0%-30%)
	N-Nitrosodipropylamine	RPD 47* (0%-30%)
	Naphthalene	RPD 54* (0%-30%)
	Nitrobenzene	RPD 51* (0%-30%)
	Phenanthrene	RPD 31* (0%-30%)

	Phenol	RPD 44* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 55* (0%-30%)
	bis(2-Chloroethoxy)methane	RPD 48* (0%-30%)
	bis(2-Chloroethyl) ether	RPD 55* (0%-30%)
	m, p-Cresols	RPD 40* (0%-30%)
	m-Nitroaniline	RPD 35* (0%-30%)
	o-Cresol	RPD 46* (0%-30%)
	o-Nitroaniline	RPD 38* (0%-30%)
	p-Nitroaniline	RPD 31* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 26
Analytical Batch: 2979097

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2979095

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206438366	Method Blank (MB) **Batch 2979097**
1206438367	Laboratory Control Sample (LCS)
1206438368	Laboratory Control Sample Duplicate (LCSD)
1206438369	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3535A/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2979246

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2979245

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206438586	Method Blank (MB) **Batch 2979246**
1206438587	Laboratory Control Sample (LCS)
1206438588	772714003(NonSDG) Matrix Spike (MS)
1206438589	772714003(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations

Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206438587 (LCS)	Aroclor-1016	Result 0.801ug/L
	Aroclor-1260	Result 0.832ug/L
1206438589 (Non SDG 772714003MSD)	4cmx	Result 0.287ug/L
	Aroclor-1016	Result 1.64ug/L
	Aroclor-1260	Result 1.52ug/L

Additional Comments
The column 1 has been chosen as the primary column. The data are reported from the column 1 for all samples in this batch.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2975549

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2975548

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered
771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206432302	Method Blank (MB)**ICP Batch 2975549**
1206432303	Laboratory Control Sample (LCS)
1206432307	771803002(LS-MW-04L) Serial Dilution (SD)
1206432304	771803002(LS-MW-04S) Matrix Spike (MS)
1206432305	771803002(LS-MW-04SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the

following exceptions.

Quality Control (QC) Information

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all the applicable analytes were within the established acceptance criteria. Matrix suppression may be suspected. The data has been qualified.

Sample	Analyte	Value
1206432307 (LS-MW-04SDILT)	Calcium	409 *(0%-20%)
	Magnesium	406 *(0%-20%)
	Sodium	404 *(0%-20%)

Technical Information

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of calcium, iron and manganese within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 771803004 (LS-MW-22), 771803005 (LS-MW-22 Field Filtered), 771803006 (LS-MW-22-DP) and 771803007 (LS-MW-22-DP Field Filtered).

Analyte	771803			
	004	005	006	007
Aluminum	5X	5X	5X	5X
Antimony	5X	5X	5X	5X
Arsenic	5X	5X	5X	5X
Barium	5X	5X	5X	5X
Cadmium	5X	5X	5X	5X
Calcium	5X	5X	5X	5X
Chromium	5X	5X	5X	5X
Cobalt	5X	5X	5X	5X
Copper	5X	5X	5X	5X
Iron	5X	5X	5X	5X
Lead	5X	5X	5X	5X
Magnesium	5X	5X	5X	5X
Manganese	5X	5X	5X	5X
Nickel	5X	5X	5X	5X
Potassium	5X	5X	5X	5X
Selenium	5X	5X	5X	5X
Silver	5X	5X	5X	5X
Vanadium	5X	5X	5X	5X
Zinc	5X	5X	5X	5X

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2975551

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2975550

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206432308	Method Blank (MB)**ICP Batch 2975551**
1206432309	Laboratory Control Sample (LCS)
1206432313	771803012(LS-SD-03L) Serial Dilution (SD)
1206432310	771803012(LS-SD-03S) Matrix Spike (MS)
1206432311	771803012(LS-SD-03SD) Matrix Spike Duplicate (MSD)
1206432312	771803012(LS-SD-03PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike recovery was within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recovery may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206432310 (LS-SD-03MS)	Magnesium	134* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206432310MS and 1206432311MSD (LS-SD-03)	Aluminum	RPD 21* (0%-20%)
	Iron	RPD 26.3* (0%-20%)

Technical Information

Preparation/Analytical Method Verification

Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 2976537

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2976533

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered
771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206434200	Method Blank (MB)**CVAA Batch 2976537**
1206434201	Laboratory Control Sample (LCS)
1206434202	771565001(NonSDGD) Sample Duplicate (DUP)
1206434203	771565001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 2976729

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2976726

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification

771803012	LS-SD-03
1206434453	Method Blank (MB)**CVAA Batch 2976729**
1206434454	Laboratory Control Sample (LCS)
1206434455	771854001(NonSDGD) Sample Duplicate (DUP)
1206434456	771854001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2976226

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2976225

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206433487	Method Blank (MB) **Batch 2976226**
1206433488	Laboratory Control Sample (LCS)
1206433491	771808001(NonSDG) Sample Duplicate (DUP)
1206433492	771808001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2975721

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered

771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206432723	Method Blank (MB) **Batch 2975721**
1206432724	Laboratory Control Sample (LCS)
1206432725	771803002(LS-MW-04) Sample Duplicate (DUP)
1206432726	771803002(LS-MW-04) Matrix Spike (MS)
1206432727	771804009(LS-MW-16) Sample Duplicate (DUP)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2980165

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2980164

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206440368	Method Blank (MB) **Batch 2980165**
1206440369	Laboratory Control Sample (LCS)
1206440372	771638009(NonSDG) Sample Duplicate (DUP)
1206440373	771638009(NonSDG) Matrix Spike (MS)
1206440374	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**

Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2975541

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206432284	771803012(LS-SD-03) Sample Duplicate (DUP) **Batch 2975541**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771804

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 09, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771804 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771804 GEL Work Order: 771804

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

J Value is estimated

Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-25	Project:	RVDE00226C
Sample ID:	771804001	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 08:10		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1126	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		553	68.0	200	ug/L	1.00	1	HS2	04/14/26	1422	2975545	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		52.8	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		21500	50.0	200	ug/L	1.00	1					
Chromium	J	2.64	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		944	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		6260	110	300	ug/L	1.00	1					
Manganese		173	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		5580	50.0	250	ug/L	1.00	1					
Selenium	J	16.4	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.74	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.54	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.46	ug/L	0.000946	1	LL2	04/16/26	2102	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.46	ug/L	0.000946	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
2,4-Dichlorophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
2,4-Dimethylphenol	U	ND	2.84	9.46	ug/L	0.000946	1					
2,4-Dinitrophenol	U	ND	4.73	18.9	ug/L	0.000946	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-25 Project: RVDE00226C
Sample ID: 771804001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.46	ug/L	0.000946	1					
2,6-Dinitrotoluene	U	ND	2.84	9.46	ug/L	0.000946	1					
2-Chloronaphthalene	U	ND	0.388	0.946	ug/L	0.000946	1					
2-Chlorophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
2-Methylnaphthalene	U	ND	0.284	0.946	ug/L	0.000946	1					
2-Nitrophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.46	ug/L	0.000946	1					
4-Bromophenylphenylether	U	ND	2.84	9.46	ug/L	0.000946	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.46	ug/L	0.000946	1					
4-Chloroaniline	U	ND	3.12	9.46	ug/L	0.000946	1					
4-Chlorophenylphenylether	U	ND	2.84	9.46	ug/L	0.000946	1					
4-Nitrophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
Acenaphthene	U	ND	0.284	0.946	ug/L	0.000946	1					
Acenaphthylene	U	ND	0.284	0.946	ug/L	0.000946	1					
Acetophenone	U	ND	2.84	9.46	ug/L	0.000946	1					
Anthracene	U	ND	0.284	0.946	ug/L	0.000946	1					
Atrazine	U	ND	2.84	9.46	ug/L	0.000946	1					
Benzaldehyde	U	ND	2.84	9.46	ug/L	0.000946	1					
Benzo(a)anthracene	U	ND	0.284	0.946	ug/L	0.000946	1					
Benzo(a)pyrene	U	ND	0.284	0.946	ug/L	0.000946	1					
Benzo(b)fluoranthene	U	ND	0.284	0.946	ug/L	0.000946	1					
Benzo(ghi)perylene	U	ND	0.284	0.946	ug/L	0.000946	1					
Benzo(k)fluoranthene	U	ND	0.284	0.946	ug/L	0.000946	1					
Butylbenzylphthalate	U	ND	0.284	0.946	ug/L	0.000946	1					
Carbazole	U	ND	0.284	0.946	ug/L	0.000946	1					
Chrysene	U	ND	0.284	0.946	ug/L	0.000946	1					
Di-n-butylphthalate	U	ND	0.284	0.946	ug/L	0.000946	1					
Di-n-octylphthalate	U	ND	0.284	0.946	ug/L	0.000946	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.946	ug/L	0.000946	1					
Dibenzofuran	U	ND	2.84	9.46	ug/L	0.000946	1					
Diethylphthalate	U	ND	0.284	0.946	ug/L	0.000946	1					
Dimethylphthalate	U	ND	0.284	0.946	ug/L	0.000946	1					
Diphenylamine	U	ND	2.84	9.46	ug/L	0.000946	1					
Fluoranthene	U	ND	0.284	0.946	ug/L	0.000946	1					
Fluorene	U	ND	0.284	0.946	ug/L	0.000946	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-25 Project: RVDE00226C
Sample ID: 771804001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.46	ug/L	0.000946	1					
Hexachlorobutadiene	U	ND	2.84	9.46	ug/L	0.000946	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.46	ug/L	0.000946	1					
Hexachloroethane	U	ND	2.84	9.46	ug/L	0.000946	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.946	ug/L	0.000946	1					
Isophorone	U	ND	3.31	9.46	ug/L	0.000946	1					
N-Nitrosodipropylamine	U	ND	2.84	9.46	ug/L	0.000946	1					
Naphthalene	U	ND	0.284	0.946	ug/L	0.000946	1					
Nitrobenzene	U	ND	2.84	9.46	ug/L	0.000946	1					
Pentachlorophenol	U	ND	2.84	9.46	ug/L	0.000946	1					
Phenanthrene	U	ND	0.284	0.946	ug/L	0.000946	1					
Phenol	U	ND	2.84	9.46	ug/L	0.000946	1					
Pyrene	U	ND	0.284	0.946	ug/L	0.000946	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.46	ug/L	0.000946	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.46	ug/L	0.000946	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.46	ug/L	0.000946	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.946	ug/L	0.000946	1					
m,p-Cresols	U	ND	3.50	9.46	ug/L	0.000946	1					
m-Nitroaniline	U	ND	2.84	9.46	ug/L	0.000946	1					
o-Cresol	U	ND	2.84	9.46	ug/L	0.000946	1					
o-Nitroaniline	U	ND	2.84	9.46	ug/L	0.000946	1					
p-Nitroaniline	U	ND	2.84	9.46	ug/L	0.000946	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	2030	2975254	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/22/26	1120	2982543	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-25 Project: RVDE00226C
Sample ID: 771804001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-25 Project: RVDE00226C
Sample ID: 771804001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.1 ug/L	47.3	57	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.6 ug/L	47.3	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	22.4 ug/L	47.3	47	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	65.0 ug/L	94.6	69	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.0 ug/L	94.6	19	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	27.1 ug/L	94.6	29	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.4 ug/L	50.0	105	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	54.0 ug/L	50.0	108	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	51.7 ug/L	50.0	103	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-25	Project:	RVDE00226C
Sample ID:	771804001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-25 Field Filtered	Project:	RVDE00226C
Sample ID:	771804002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 08:10		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1131	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	04/14/26	1435	2975545	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		60.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		24400	50.0	200	ug/L	1.00	1					
Chromium	J	1.40	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		209	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7560	110	300	ug/L	1.00	1					
Manganese		184	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		5440	50.0	250	ug/L	1.00	1					
Selenium	J	18.0	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.71	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	2031	2975254	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-25 Field Filtered	Project:	RVDE00226C
Sample ID:	771804002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-27	Project:	RVDE00226C
Sample ID:	771804003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 09:10		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 6.86	2.29	6.86	ng/L	0.00907	1	JMB3	04/21/26	1101	2980639	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 6.97	2.32	6.97	ng/L	0.00907	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.80	2.27	6.80	ng/L	0.00907	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 6.90	2.30	6.90	ng/L	0.00907	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.26	2.42	7.26	ng/L	0.00907	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 18.1	6.05	18.1	ng/L	0.00907	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 18.1	6.05	18.1	ng/L	0.00907	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 36.3	12.1	36.3	ng/L	0.00907	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 36.3	12.1	36.3	ng/L	0.00907	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.26	2.42	7.26	ng/L	0.00907	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 6.86	2.29	6.86	ng/L	0.00907	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.79	2.26	6.79	ng/L	0.00907	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.63	1.21	3.63	ng/L	0.00907	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.23	1.08	3.23	ng/L	0.00907	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-27 Project: RVDE00226C
Sample ID: 771804003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.63	1.21	3.63	ng/L	0.00907	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.63	1.21	3.63	ng/L	0.00907	1					
Perfluorobutane sulfonic acid (PFBS)		3.42	0.536	1.61	ng/L	0.00907	1					
Perfluorobutanoic acid (PFBA)		11.2	2.42	7.26	ng/L	0.00907	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.75	0.584	1.75	ng/L	0.00907	1					
Perfluorodecanoic acid (PFDA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.76	0.587	1.76	ng/L	0.00907	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.73	0.576	1.73	ng/L	0.00907	1					
Perfluoroheptanoic acid (PFHpA)		8.53	0.605	1.81	ng/L	0.00907	1					
Perfluorohexane sulfonic acid (PFHxS)		23.3	0.553	1.66	ng/L	0.00907	1					
Perfluorohexanoic acid (PFHxA)		28.6	0.605	1.81	ng/L	0.00907	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.75	0.583	1.75	ng/L	0.00907	1					
Perfluorononanoic acid (PFNA)		7.24	0.605	1.81	ng/L	0.00907	1					
Perfluorooctane sulfonic acid (PFOS)		47.8	0.561	1.68	ng/L	0.00907	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
Perfluorooctanoic acid (PFOA)		39.7	0.605	1.81	ng/L	0.00907	1					
Perfluoropentane sulfonic acid (PFPeS)		3.07	0.569	1.71	ng/L	0.00907	1					
Perfluoropentanoic acid (PFPeA)		19.7	0.605	1.81	ng/L	0.00907	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.81	0.605	1.81	ng/L	0.00907	1					
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1133	2976547	2

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-27 Project: RVDE00226C
Sample ID: 771804003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1060	68.0	200	ug/L	1.00	1	HS2	04/14/26	1438	2975545	3
Antimony	J	16.1	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		235	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		87500	50.0	200	ug/L	1.00	1					
Chromium	J	8.74	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	13.7	3.00	20.0	ug/L	1.00	1					
Iron		6120	30.0	100	ug/L	1.00	1					
Lead		37.5	3.30	20.0	ug/L	1.00	1					
Magnesium		29800	110	300	ug/L	1.00	1					
Manganese		1500	2.00	10.0	ug/L	1.00	1					
Nickel	J	2.92	1.50	5.00	ug/L	1.00	1					
Potassium		18600	50.0	250	ug/L	1.00	1					
Selenium		42.9	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		92400	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		10.5	1.00	5.00	ug/L	1.00	1					
Zinc		48.9	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.90	9.65	ug/L	0.000965	1	LL2	04/16/26	2125	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.90	9.65	ug/L	0.000965	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
2,4,5-Trichlorophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
2,4,6-Trichlorophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
2,4-Dichlorophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
2,4-Dimethylphenol	U	ND	2.90	9.65	ug/L	0.000965	1					
2,4-Dinitrophenol	U	ND	4.83	19.3	ug/L	0.000965	1					
2,4-Dinitrotoluene	U	ND	2.90	9.65	ug/L	0.000965	1					
2,6-Dinitrotoluene	U	ND	2.90	9.65	ug/L	0.000965	1					
2-Chloronaphthalene	U	ND	0.396	0.965	ug/L	0.000965	1					
2-Chlorophenol	U	ND	2.90	9.65	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-27 Project: RVDE00226C
Sample ID: 771804003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
2-Methylnaphthalene	U	ND	0.290	0.965	ug/L	0.000965	1					
2-Nitrophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
3,3'-Dichlorobenzidine	U	ND	2.90	9.65	ug/L	0.000965	1					
4-Bromophenylphenylether	U	ND	2.90	9.65	ug/L	0.000965	1					
4-Chloro-3-methylphenol	U	ND	2.90	9.65	ug/L	0.000965	1					
4-Chloroaniline	U	ND	3.19	9.65	ug/L	0.000965	1					
4-Chlorophenylphenylether	U	ND	2.90	9.65	ug/L	0.000965	1					
4-Nitrophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
Acenaphthene	U	ND	0.290	0.965	ug/L	0.000965	1					
Acenaphthylene	U	ND	0.290	0.965	ug/L	0.000965	1					
Acetophenone	U	ND	2.90	9.65	ug/L	0.000965	1					
Anthracene	U	ND	0.290	0.965	ug/L	0.000965	1					
Atrazine	U	ND	2.90	9.65	ug/L	0.000965	1					
Benzaldehyde	U	ND	2.90	9.65	ug/L	0.000965	1					
Benzo(a)anthracene	U	ND	0.290	0.965	ug/L	0.000965	1					
Benzo(a)pyrene	U	ND	0.290	0.965	ug/L	0.000965	1					
Benzo(b)fluoranthene	U	ND	0.290	0.965	ug/L	0.000965	1					
Benzo(ghi)perylene	U	ND	0.290	0.965	ug/L	0.000965	1					
Benzo(k)fluoranthene	U	ND	0.290	0.965	ug/L	0.000965	1					
Butylbenzylphthalate	U	ND	0.290	0.965	ug/L	0.000965	1					
Carbazole	U	ND	0.290	0.965	ug/L	0.000965	1					
Chrysene	U	ND	0.290	0.965	ug/L	0.000965	1					
Di-n-butylphthalate	U	ND	0.290	0.965	ug/L	0.000965	1					
Di-n-octylphthalate	U	ND	0.290	0.965	ug/L	0.000965	1					
Dibenzo(a,h)anthracene	U	ND	0.290	0.965	ug/L	0.000965	1					
Dibenzofuran	U	ND	2.90	9.65	ug/L	0.000965	1					
Diethylphthalate		48.5	0.290	0.965	ug/L	0.000965	1					
Dimethylphthalate	U	ND	0.290	0.965	ug/L	0.000965	1					
Diphenylamine	U	ND	2.90	9.65	ug/L	0.000965	1					
Fluoranthene	U	ND	0.290	0.965	ug/L	0.000965	1					
Fluorene	U	ND	0.290	0.965	ug/L	0.000965	1					
Hexachlorobenzene	U	ND	2.90	9.65	ug/L	0.000965	1					
Hexachlorobutadiene	U	ND	2.90	9.65	ug/L	0.000965	1					
Hexachlorocyclopentadiene	U	ND	2.90	9.65	ug/L	0.000965	1					
Hexachloroethane	U	ND	2.90	9.65	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-27 Project: RVDE00226C
Sample ID: 771804003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.290	0.965	ug/L	0.000965	1					
Isophorone	U	ND	3.38	9.65	ug/L	0.000965	1					
N-Nitrosodipropylamine	U	ND	2.90	9.65	ug/L	0.000965	1					
Naphthalene	U	ND	0.290	0.965	ug/L	0.000965	1					
Nitrobenzene	U	ND	2.90	9.65	ug/L	0.000965	1					
Pentachlorophenol	U	ND	2.90	9.65	ug/L	0.000965	1					
Phenanthrene	U	ND	0.290	0.965	ug/L	0.000965	1					
Phenol	U	ND	2.90	9.65	ug/L	0.000965	1					
Pyrene	U	ND	0.290	0.965	ug/L	0.000965	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.90	9.65	ug/L	0.000965	1					
bis(2-Chloroethoxy)methane	U	ND	2.90	9.65	ug/L	0.000965	1					
bis(2-Chloroethyl) ether	U	ND	2.90	9.65	ug/L	0.000965	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.290	0.965	ug/L	0.000965	1					
m,p-Cresols	U	ND	3.57	9.65	ug/L	0.000965	1					
m-Nitroaniline	U	ND	2.90	9.65	ug/L	0.000965	1					
o-Cresol	U	ND	2.90	9.65	ug/L	0.000965	1					
o-Nitroaniline	U	ND	2.90	9.65	ug/L	0.000965	1					
p-Nitroaniline	U	ND	2.90	9.65	ug/L	0.000965	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	2032	2975254	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/22/26	1146	2982543	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-27 Project: RVDE00226C
Sample ID: 771804003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-27	Project:	RVDE00226C
Sample ID:	771804003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
EPA 1633	PFAS Extraction in Liquid - Refrigerated	EF	04/20/26	0736	2980636
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	26.1 ug/L	48.3	54	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	26.3 ug/L	48.3	54	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	21.6 ug/L	48.3	45	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	58.2 ug/L	96.5	60	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	16.7 ug/L	96.5	17	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	24.7 ug/L	96.5	26	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	55.4 ug/L	50.0	111	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.1 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-27	Project:	RVDE00226C
Sample ID:	771804003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-27 Field Filtered	Project:	RVDE00226C
Sample ID:	771804004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 09:10		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1134	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	04/14/26	1446	2975545	2
Antimony		20.3	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		190	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		80500	50.0	200	ug/L	1.00	1					
Chromium	J	4.38	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		4530	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		27800	110	300	ug/L	1.00	1					
Manganese		1330	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		17500	50.0	250	ug/L	1.00	1					
Selenium		37.6	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		87700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.76	1.00	5.00	ug/L	1.00	1					
Zinc	J	9.88	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	2035	2975254	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-27 Field Filtered	Project:	RVDE00226C
Sample ID:	771804004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-01
Sample ID: 771804005
Matrix: Ground Water
Collect Date: 09-APR-26 10:46
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1136	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		2820	68.0	200	ug/L	1.00	1	HS2	04/14/26	1448	2975545	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		209	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		84800	50.0	200	ug/L	1.00	1					
Chromium	J	8.29	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	3.92	3.00	20.0	ug/L	1.00	1					
Iron		22300	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		27800	110	300	ug/L	1.00	1					
Manganese		546	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		39200	50.0	250	ug/L	1.00	1					
Selenium		44.5	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		61200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.48	1.00	5.00	ug/L	1.00	1					
Zinc	J	14.3	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.41	ug/L	0.000941	1	LL2	04/16/26	2148	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.41	ug/L	0.000941	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
2,4,6-Trichlorophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
2,4-Dichlorophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
2,4-Dimethylphenol	U	ND	2.82	9.41	ug/L	0.000941	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000941	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-01 Project: RVDE00226C
Sample ID: 771804005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.82	9.41	ug/L	0.000941	1					
2,6-Dinitrotoluene	U	ND	2.82	9.41	ug/L	0.000941	1					
2-Chloronaphthalene	U	ND	0.386	0.941	ug/L	0.000941	1					
2-Chlorophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
2-Methylnaphthalene	U	ND	0.282	0.941	ug/L	0.000941	1					
2-Nitrophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.41	ug/L	0.000941	1					
4-Bromophenylphenylether	U	ND	2.82	9.41	ug/L	0.000941	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.41	ug/L	0.000941	1					
4-Chloroaniline	U	ND	3.11	9.41	ug/L	0.000941	1					
4-Chlorophenylphenylether	U	ND	2.82	9.41	ug/L	0.000941	1					
4-Nitrophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
Acenaphthene	U	ND	0.282	0.941	ug/L	0.000941	1					
Acenaphthylene	U	ND	0.282	0.941	ug/L	0.000941	1					
Acetophenone	U	ND	2.82	9.41	ug/L	0.000941	1					
Anthracene	U	ND	0.282	0.941	ug/L	0.000941	1					
Atrazine	U	ND	2.82	9.41	ug/L	0.000941	1					
Benzaldehyde	U	ND	2.82	9.41	ug/L	0.000941	1					
Benzo(a)anthracene	U	ND	0.282	0.941	ug/L	0.000941	1					
Benzo(a)pyrene	U	ND	0.282	0.941	ug/L	0.000941	1					
Benzo(b)fluoranthene	U	ND	0.282	0.941	ug/L	0.000941	1					
Benzo(ghi)perylene	U	ND	0.282	0.941	ug/L	0.000941	1					
Benzo(k)fluoranthene	U	ND	0.282	0.941	ug/L	0.000941	1					
Butylbenzylphthalate	U	ND	0.282	0.941	ug/L	0.000941	1					
Carbazole	U	ND	0.282	0.941	ug/L	0.000941	1					
Chrysene	U	ND	0.282	0.941	ug/L	0.000941	1					
Di-n-butylphthalate	U	ND	0.282	0.941	ug/L	0.000941	1					
Di-n-octylphthalate	U	ND	0.282	0.941	ug/L	0.000941	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.941	ug/L	0.000941	1					
Dibenzofuran	U	ND	2.82	9.41	ug/L	0.000941	1					
Diethylphthalate	U	ND	0.282	0.941	ug/L	0.000941	1					
Dimethylphthalate	U	ND	0.282	0.941	ug/L	0.000941	1					
Diphenylamine	U	ND	2.82	9.41	ug/L	0.000941	1					
Fluoranthene	U	ND	0.282	0.941	ug/L	0.000941	1					
Fluorene	U	ND	0.282	0.941	ug/L	0.000941	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-01 Project: RVDE00226C
Sample ID: 771804005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.82	9.41	ug/L	0.000941	1					
Hexachlorobutadiene	U	ND	2.82	9.41	ug/L	0.000941	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.41	ug/L	0.000941	1					
Hexachloroethane	U	ND	2.82	9.41	ug/L	0.000941	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.941	ug/L	0.000941	1					
Isophorone	U	ND	3.29	9.41	ug/L	0.000941	1					
N-Nitrosodipropylamine	U	ND	2.82	9.41	ug/L	0.000941	1					
Naphthalene	U	ND	0.282	0.941	ug/L	0.000941	1					
Nitrobenzene	U	ND	2.82	9.41	ug/L	0.000941	1					
Pentachlorophenol	U	ND	2.82	9.41	ug/L	0.000941	1					
Phenanthrene	U	ND	0.282	0.941	ug/L	0.000941	1					
Phenol	U	ND	2.82	9.41	ug/L	0.000941	1					
Pyrene	U	ND	0.282	0.941	ug/L	0.000941	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.41	ug/L	0.000941	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.41	ug/L	0.000941	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.41	ug/L	0.000941	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.941	ug/L	0.000941	1					
m,p-Cresols	U	ND	3.48	9.41	ug/L	0.000941	1					
m-Nitroaniline	U	ND	2.82	9.41	ug/L	0.000941	1					
o-Cresol	U	ND	2.82	9.41	ug/L	0.000941	1					
o-Nitroaniline	U	ND	2.82	9.41	ug/L	0.000941	1					
p-Nitroaniline	U	ND	2.82	9.41	ug/L	0.000941	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/22/26	1211	2982543	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-01 Project: RVDE00226C
Sample ID: 771804005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-01 Project: RVDE00226C
Sample ID: 771804005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/21/26	1309	2982749
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	25.5 ug/L	47.0	54	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	23.9 ug/L	47.0	51	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	6.85 ug/L	47.0	15*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	47.9 ug/L	94.1	51	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.9 ug/L	94.1	17	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	21.0 ug/L	94.1	22	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	54.5 ug/L	50.0	109	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	56.1 ug/L	50.0	112	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.1 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-01	Project:	RVDE00226C
Sample ID:	771804005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	771804006	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 10:46		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1138	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	04/14/26	1451	2975545	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		222	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		80700	50.0	200	ug/L	1.00	1					
Chromium	J	3.45	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		15300	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		26100	110	300	ug/L	1.00	1					
Manganese		581	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.80	1.50	5.00	ug/L	1.00	1					
Potassium		34800	50.0	250	ug/L	1.00	1					
Selenium		39.0	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		60100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	11.6	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	771804006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-26	Project:	RVDE00226C
Sample ID:	771804007	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 11:30		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1139	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1540	68.0	200	ug/L	1.00	1	HS2	04/14/26	1453	2975545	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		76.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		44500	50.0	200	ug/L	1.00	1					
Chromium	J	5.03	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		984	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7320	110	300	ug/L	1.00	1					
Manganese		309	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4560	50.0	250	ug/L	1.00	1					
Selenium		31.7	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		23600	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		19.3	1.00	5.00	ug/L	1.00	1					
Zinc		44.0	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.56	ug/L	0.000956	1	LL2	04/16/26	2212	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.56	ug/L	0.000956	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
2,4-Dichlorophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
2,4-Dimethylphenol	U	ND	2.87	9.56	ug/L	0.000956	1					
2,4-Dinitrophenol	U	ND	4.78	19.1	ug/L	0.000956	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-26 Project: RVDE00226C
Sample ID: 771804007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.56	ug/L	0.000956	1					
2,6-Dinitrotoluene	U	ND	2.87	9.56	ug/L	0.000956	1					
2-Chloronaphthalene	U	ND	0.392	0.956	ug/L	0.000956	1					
2-Chlorophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
2-Methylnaphthalene	U	ND	0.287	0.956	ug/L	0.000956	1					
2-Nitrophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.56	ug/L	0.000956	1					
4-Bromophenylphenylether	U	ND	2.87	9.56	ug/L	0.000956	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.56	ug/L	0.000956	1					
4-Chloroaniline	U	ND	3.16	9.56	ug/L	0.000956	1					
4-Chlorophenylphenylether	U	ND	2.87	9.56	ug/L	0.000956	1					
4-Nitrophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
Acenaphthene	U	ND	0.287	0.956	ug/L	0.000956	1					
Acenaphthylene	U	ND	0.287	0.956	ug/L	0.000956	1					
Acetophenone	U	ND	2.87	9.56	ug/L	0.000956	1					
Anthracene	U	ND	0.287	0.956	ug/L	0.000956	1					
Atrazine	U	ND	2.87	9.56	ug/L	0.000956	1					
Benzaldehyde	U	ND	2.87	9.56	ug/L	0.000956	1					
Benzo(a)anthracene	U	ND	0.287	0.956	ug/L	0.000956	1					
Benzo(a)pyrene	U	ND	0.287	0.956	ug/L	0.000956	1					
Benzo(b)fluoranthene	U	ND	0.287	0.956	ug/L	0.000956	1					
Benzo(ghi)perylene	U	ND	0.287	0.956	ug/L	0.000956	1					
Benzo(k)fluoranthene	U	ND	0.287	0.956	ug/L	0.000956	1					
Butylbenzylphthalate	U	ND	0.287	0.956	ug/L	0.000956	1					
Carbazole	U	ND	0.287	0.956	ug/L	0.000956	1					
Chrysene	U	ND	0.287	0.956	ug/L	0.000956	1					
Di-n-butylphthalate	U	ND	0.287	0.956	ug/L	0.000956	1					
Di-n-octylphthalate	U	ND	0.287	0.956	ug/L	0.000956	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.956	ug/L	0.000956	1					
Dibenzofuran	U	ND	2.87	9.56	ug/L	0.000956	1					
Diethylphthalate	U	ND	0.287	0.956	ug/L	0.000956	1					
Dimethylphthalate	U	ND	0.287	0.956	ug/L	0.000956	1					
Diphenylamine	U	ND	2.87	9.56	ug/L	0.000956	1					
Fluoranthene	U	ND	0.287	0.956	ug/L	0.000956	1					
Fluorene	U	ND	0.287	0.956	ug/L	0.000956	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-26 Project: RVDE00226C
Sample ID: 771804007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.56	ug/L	0.000956	1					
Hexachlorobutadiene	U	ND	2.87	9.56	ug/L	0.000956	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.56	ug/L	0.000956	1					
Hexachloroethane	U	ND	2.87	9.56	ug/L	0.000956	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.956	ug/L	0.000956	1					
Isophorone	U	ND	3.35	9.56	ug/L	0.000956	1					
N-Nitrosodipropylamine	U	ND	2.87	9.56	ug/L	0.000956	1					
Naphthalene	U	ND	0.287	0.956	ug/L	0.000956	1					
Nitrobenzene	U	ND	2.87	9.56	ug/L	0.000956	1					
Pentachlorophenol	U	ND	2.87	9.56	ug/L	0.000956	1					
Phenanthrene	U	ND	0.287	0.956	ug/L	0.000956	1					
Phenol	U	ND	2.87	9.56	ug/L	0.000956	1					
Pyrene	U	ND	0.287	0.956	ug/L	0.000956	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.56	ug/L	0.000956	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.56	ug/L	0.000956	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.56	ug/L	0.000956	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.956	ug/L	0.000956	1					
m,p-Cresols	U	ND	3.54	9.56	ug/L	0.000956	1					
m-Nitroaniline	U	ND	2.87	9.56	ug/L	0.000956	1					
o-Cresol	U	ND	2.87	9.56	ug/L	0.000956	1					
o-Nitroaniline	U	ND	2.87	9.56	ug/L	0.000956	1					
p-Nitroaniline	U	ND	2.87	9.56	ug/L	0.000956	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00525	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/22/26	1236	2982543	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-26 Project: RVDE00226C
Sample ID: 771804007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-26	Project:	RVDE00226C
Sample ID:	771804007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/21/26	1309	2982749
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.3 ug/L	47.8	61	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	28.6 ug/L	47.8	60	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	7.39 ug/L	47.8	15*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	35.9 ug/L	95.6	38	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.8 ug/L	95.6	17	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	20.0 ug/L	95.6	21	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	53.1 ug/L	50.0	106	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	56.8 ug/L	50.0	114	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.8 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-26	Project:	RVDE00226C
Sample ID:	771804007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-26 Field Filtered	Project:	RVDE00226C
Sample ID:	771804008	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 11:30		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1141	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	04/14/26	1455	2975545	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		71.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		44000	50.0	200	ug/L	1.00	1					
Chromium	J	2.84	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		119	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7130	110	300	ug/L	1.00	1					
Manganese		291	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4310	50.0	250	ug/L	1.00	1					
Selenium		34.0	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		23000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		16.8	1.00	5.00	ug/L	1.00	1					
Zinc		32.0	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-26 Field Filtered	Project:	RVDE00226C
Sample ID:	771804008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-16	Project:	RVDE00226C
Sample ID:	771804009	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 12:47		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1143	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		276	68.0	200	ug/L	1.00	1	HS2	04/14/26	1459	2975545	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		5.37	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		40500	50.0	200	ug/L	1.00	1					
Chromium	J	3.06	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	74.0	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium	J	226	110	300	ug/L	1.00	1					
Manganese	J	2.18	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		5480	50.0	250	ug/L	1.00	1					
Selenium	J	22.8	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		9300	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.79	1.00	5.00	ug/L	1.00	1					
Zinc	J	6.78	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.45	ug/L	0.000945	1	LL2	04/16/26	2235	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dimethylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dinitrophenol	U	ND	4.73	18.9	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-16 Project: RVDE00226C
Sample ID: 771804009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,6-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Chloronaphthalene	U	ND	0.387	0.945	ug/L	0.000945	1					
2-Chlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methylnaphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
2-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Bromophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloroaniline	U	ND	3.12	9.45	ug/L	0.000945	1					
4-Chlorophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Acenaphthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acenaphthylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acetophenone	U	ND	2.84	9.45	ug/L	0.000945	1					
Anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Atrazine	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzaldehyde	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzo(a)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(a)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(b)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(ghi)perylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(k)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Butylbenzylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Carbazole	U	ND	0.284	0.945	ug/L	0.000945	1					
Chrysene	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-butylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-octylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzofuran	U	ND	2.84	9.45	ug/L	0.000945	1					
Diethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dimethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Diphenylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Fluorene	U	ND	0.284	0.945	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-16 Project: RVDE00226C
Sample ID: 771804009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorobutadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachloroethane	U	ND	2.84	9.45	ug/L	0.000945	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Isophorone	U	ND	3.31	9.45	ug/L	0.000945	1					
N-Nitrosodipropylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Naphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
Nitrobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Pentachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Phenanthrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Phenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
m,p-Cresols	U	ND	3.50	9.45	ug/L	0.000945	1					
m-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Cresol	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
p-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00525	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/22/26	1301	2982543	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-16 Project: RVDE00226C
Sample ID: 771804009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	J	0.370	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-16 Project: RVDE00226C
Sample ID: 771804009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.8 ug/L	47.3	59	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.5 ug/L	47.3	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	32.8 ug/L	47.3	69	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	72.3 ug/L	94.5	76	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.2 ug/L	94.5	19	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	26.5 ug/L	94.5	28	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	53.2 ug/L	50.0	106	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	56.4 ug/L	50.0	113	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.9 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-16	Project:	RVDE00226C
Sample ID:	771804009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-16 Field Filtered	Project:	RVDE00226C
Sample ID:	771804010	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 12:47		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1144	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		214	68.0	200	ug/L	1.00	1	HS2	04/14/26	1502	2975545	2
Antimony	J	4.87	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium	J	4.72	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		40000	50.0	200	ug/L	1.00	1					
Chromium	J	3.71	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium	J	164	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		5270	50.0	250	ug/L	1.00	1					
Selenium	J	24.3	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		9130	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.71	1.00	5.00	ug/L	1.00	1					
Zinc	J	6.47	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-16 Field Filtered	Project:	RVDE00226C
Sample ID:	771804010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-21
Sample ID: 771804011
Matrix: Ground Water
Collect Date: 09-APR-26 13:35
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1146	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	105	68.0	200	ug/L	1.00	1	HS2	04/14/26	1505	2975545	2
Antimony	J	4.61	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		20.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	J	1.32	1.00	5.00	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	4.24	3.00	20.0	ug/L	1.00	1					
Iron		61500	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		32200	110	300	ug/L	1.00	1					
Manganese		1120	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		6960	50.0	250	ug/L	1.00	1					
Sodium		35100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		563000	250	1000	ug/L	1.00	5	HS2	04/14/26	1602	2975545	3
Chromium	J	22.1	5.00	50.0	ug/L	1.00	5					
Selenium		162	30.0	150	ug/L	1.00	5					
Silver	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	40.3	16.5	100	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.81	9.37	ug/L	0.000937	1	LL2	04/16/26	2258	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.81	9.37	ug/L	0.000937	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4,5-Trichlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4,6-Trichlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4-Dichlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4-Dimethylphenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4-Dinitrophenol	U	ND	4.68	18.7	ug/L	0.000937	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-21 Project: RVDE00226C
Sample ID: 771804011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.81	9.37	ug/L	0.000937	1					
2,6-Dinitrotoluene	U	ND	2.81	9.37	ug/L	0.000937	1					
2-Chloronaphthalene	U	ND	0.384	0.937	ug/L	0.000937	1					
2-Chlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2-Methylnaphthalene	U	ND	0.281	0.937	ug/L	0.000937	1					
2-Nitrophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
3,3'-Dichlorobenzidine	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Bromophenylphenylether	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Chloro-3-methylphenol	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Chloroaniline	U	ND	3.09	9.37	ug/L	0.000937	1					
4-Chlorophenylphenylether	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Nitrophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
Acenaphthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Acenaphthylene	U	ND	0.281	0.937	ug/L	0.000937	1					
Acetophenone	U	ND	2.81	9.37	ug/L	0.000937	1					
Anthracene	U	ND	0.281	0.937	ug/L	0.000937	1					
Atrazine	U	ND	2.81	9.37	ug/L	0.000937	1					
Benzaldehyde	U	ND	2.81	9.37	ug/L	0.000937	1					
Benzo(a)anthracene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(a)pyrene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(b)fluoranthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(ghi)perylene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(k)fluoranthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Butylbenzylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Carbazole	U	ND	0.281	0.937	ug/L	0.000937	1					
Chrysene	U	ND	0.281	0.937	ug/L	0.000937	1					
Di-n-butylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Di-n-octylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Dibenzo(a,h)anthracene	U	ND	0.281	0.937	ug/L	0.000937	1					
Dibenzofuran	U	ND	2.81	9.37	ug/L	0.000937	1					
Diethylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Dimethylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Diphenylamine	U	ND	2.81	9.37	ug/L	0.000937	1					
Fluoranthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Fluorene	U	ND	0.281	0.937	ug/L	0.000937	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-21 Project: RVDE00226C
Sample ID: 771804011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.81	9.37	ug/L	0.000937	1					
Hexachlorobutadiene	U	ND	2.81	9.37	ug/L	0.000937	1					
Hexachlorocyclopentadiene	U	ND	2.81	9.37	ug/L	0.000937	1					
Hexachloroethane	U	ND	2.81	9.37	ug/L	0.000937	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.281	0.937	ug/L	0.000937	1					
Isophorone	U	ND	3.28	9.37	ug/L	0.000937	1					
N-Nitrosodipropylamine	U	ND	2.81	9.37	ug/L	0.000937	1					
Naphthalene	U	ND	0.281	0.937	ug/L	0.000937	1					
Nitrobenzene	U	ND	2.81	9.37	ug/L	0.000937	1					
Pentachlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
Phenanthrene	U	ND	0.281	0.937	ug/L	0.000937	1					
Phenol	U	ND	2.81	9.37	ug/L	0.000937	1					
Pyrene	U	ND	0.281	0.937	ug/L	0.000937	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.81	9.37	ug/L	0.000937	1					
bis(2-Chloroethoxy)methane	U	ND	2.81	9.37	ug/L	0.000937	1					
bis(2-Chloroethyl) ether	U	ND	2.81	9.37	ug/L	0.000937	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
m,p-Cresols	U	ND	3.47	9.37	ug/L	0.000937	1					
m-Nitroaniline	U	ND	2.81	9.37	ug/L	0.000937	1					
o-Cresol	U	ND	2.81	9.37	ug/L	0.000937	1					
o-Nitroaniline	U	ND	2.81	9.37	ug/L	0.000937	1					
p-Nitroaniline	U	ND	2.81	9.37	ug/L	0.000937	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/22/26	1327	2982543	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-21 Project: RVDE00226C
Sample ID: 771804011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-21	Project:	RVDE00226C
Sample ID:	771804011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	26.7 ug/L	46.8	57	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	25.8 ug/L	46.8	55	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	12.0 ug/L	46.8	26	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	60.6 ug/L	93.7	65	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	19.2 ug/L	93.7	21	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	29.5 ug/L	93.7	31	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	53.4 ug/L	50.0	107	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	58.1 ug/L	50.0	116	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.7 ug/L	50.0	105	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-21	Project:	RVDE00226C
Sample ID:	771804011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-21 Field Filtered	Project:	RVDE00226C
Sample ID:	771804012	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 13:35		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1151	2976547	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	85.5	68.0	200	ug/L	1.00	1	HS2	04/14/26	1508	2975545	2
Antimony	J	4.91	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		20.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	J	1.08	1.00	5.00	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	4.10	3.00	20.0	ug/L	1.00	1					
Iron		60400	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		32000	110	300	ug/L	1.00	1					
Manganese		1110	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		6920	50.0	250	ug/L	1.00	1					
Sodium		34600	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		633000	250	1000	ug/L	1.00	5	HS2	04/14/26	1605	2975545	3
Chromium	J	24.2	5.00	50.0	ug/L	1.00	5					
Selenium		200	30.0	150	ug/L	1.00	5					
Silver	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	38.1	16.5	100	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00302	0.00300	0.0100	mg/L		1	IS2	04/10/26	1001	2975721	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	04/10/26	1545	2975544
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976539

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-21 Field Filtered	Project:	RVDE00226C
Sample ID:	771804012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2975545											
QC1206432291 LCS											
Aluminum	5000			5060	ug/L		101	(80%-120%)	HS2	04/14/26	14:20
Antimony	500			493	ug/L		98.6	(80%-120%)			
Arsenic	500			513	ug/L		103	(80%-120%)			
Barium	500			500	ug/L		100	(80%-120%)			
Beryllium	500			500	ug/L		100	(80%-120%)			
Cadmium	500			499	ug/L		99.8	(80%-120%)			
Calcium	5000			5140	ug/L		103	(80%-120%)			
Chromium	500			502	ug/L		100	(80%-120%)			
Cobalt	500			503	ug/L		101	(80%-120%)			
Copper	500			496	ug/L		99.3	(80%-120%)			
Iron	5000			5180	ug/L		104	(80%-120%)			
Lead	500			502	ug/L		100	(80%-120%)			

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975545										
Magnesium	5000			5230	ug/L		105	(80%-120%)	HS2	04/14/26 14:20
Manganese	500			499	ug/L		99.9	(80%-120%)		
Nickel	500			491	ug/L		98.3	(80%-120%)		
Potassium	5000			4930	ug/L		98.6	(80%-120%)		
Selenium	500			487	ug/L		97.3	(80%-120%)		
Silver	100			100	ug/L		100	(80%-120%)		
Sodium	5000			5050	ug/L		101	(80%-120%)		
Thallium	500			505	ug/L		101	(80%-120%)		
Vanadium	500			497	ug/L		99.4	(80%-120%)		
Zinc	500			483	ug/L		96.6	(80%-120%)		
QC1206432290 MB										
Aluminum			U	ND	ug/L					04/14/26 14:16
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975545										
Beryllium			U	ND	ug/L				HS2	04/14/26 14:16
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			J	10.5	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975545											
Sodium				U	ND	ug/L				HS2	04/14/26 14:16
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206432292 771804001 MS											
Aluminum	5000		553		6190	ug/L		113	(75%-125%)		04/14/26 14:24
Antimony	500	U	ND		497	ug/L		99	(75%-125%)		
Arsenic	500	U	ND		528	ug/L		106	(75%-125%)		
Barium	500		52.8		564	ug/L		102	(75%-125%)		
Beryllium	500	U	ND		501	ug/L		100	(75%-125%)		
Cadmium	500	U	ND		495	ug/L		98.8	(75%-125%)		
Calcium	5000		21500		27200	ug/L		N/A	(75%-125%)		
Chromium	500	J	2.64		512	ug/L		102	(75%-125%)		
Cobalt	500	U	ND		500	ug/L		99.9	(75%-125%)		
Copper	500	U	ND		497	ug/L		99.2	(75%-125%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975545											
Iron	5000		944		6250	ug/L		106	(75%-125%)	HS2	04/14/26 14:24
Lead	500	U	ND		494	ug/L		98.7	(75%-125%)		
Magnesium	5000		6260		11600	ug/L		106	(75%-125%)		
Manganese	500		173		672	ug/L		99.8	(75%-125%)		
Nickel	500	U	ND		497	ug/L		99.4	(75%-125%)		
Potassium	5000		5580		10700	ug/L		102	(75%-125%)		
Selenium	500	J	16.4		494	ug/L		95.5	(75%-125%)		
Silver	100	U	ND		100	ug/L		100	(75%-125%)		
Sodium	5000		16200		21600	ug/L		108	(75%-125%)		
Thallium	500	U	ND		499	ug/L		99.4	(75%-125%)		
Vanadium	500	J	1.74		503	ug/L		100	(75%-125%)		
Zinc	500	J	7.54		487	ug/L		95.9	(75%-125%)		
QC1206432293 771804001 MSD											
Aluminum	5000		553		6190	ug/L	0.125	113	(0%-20%)		04/14/26 14:27
Antimony	500	U	ND		499	ug/L	0.468	99.5	(0%-20%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975545											
Arsenic	500	U	ND		500	ug/L	5.48	100	(0%-20%)	HS2	04/14/26 14:27
Barium	500		52.8		549	ug/L	2.79	99.2	(0%-20%)		
Beryllium	500	U	ND		495	ug/L	1.13	99	(0%-20%)		
Cadmium	500	U	ND		488	ug/L	1.3	97.5	(0%-20%)		
Calcium	5000		21500		27600	ug/L	1.41	N/A	(0%-20%)		
Chromium	500	J	2.64		504	ug/L	1.58	100	(0%-20%)		
Cobalt	500	U	ND		493	ug/L	1.23	98.7	(0%-20%)		
Copper	500	U	ND		500	ug/L	0.596	99.8	(0%-20%)		
Iron	5000		944		6260	ug/L	0.205	106	(0%-20%)		
Lead	500	U	ND		488	ug/L	1.22	97.5	(0%-20%)		
Magnesium	5000		6260		11600	ug/L	0.136	106	(0%-20%)		
Manganese	500		173		677	ug/L	0.69	101	(0%-20%)		
Nickel	500	U	ND		488	ug/L	1.93	97.6	(0%-20%)		
Potassium	5000		5580		10700	ug/L	0.252	102	(0%-20%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975545											
Selenium	500	J	16.4		499	ug/L	1.01	96.5	(0%-20%)	HS2	04/14/26 14:27
Silver	100	U	ND		97.6	ug/L	2.72	97.6	(0%-20%)		
Sodium	5000		16200		22000	ug/L	1.71	115	(0%-20%)		
Thallium	500	U	ND		499	ug/L	0.135	99.5	(0%-20%)		
Vanadium	500	J	1.74		506	ug/L	0.496	101	(0%-20%)		
Zinc	500	J	7.54		492	ug/L	0.886	96.8	(0%-20%)		
QC1206432295 771804001 SDILT											
Aluminum			553	J	121	ug/L	9.59		(0%-20%)		04/14/26 14:32
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium			52.8		11.7	ug/L	10.5		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium			21500		4570	ug/L	6.27		(0%-20%)		
Chromium		J	2.64	J	2.75	ug/L	421		(0%-20%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975545										
Cobalt	U	ND	U	ND	ug/L	N/A		(0%-20%)	HS2	04/14/26 14:32
Copper	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Iron		944		212	ug/L	12.2		(0%-20%)		
Lead	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Magnesium		6260		1340	ug/L	7.31		(0%-20%)		
Manganese		173		38.7	ug/L	11.8		(0%-20%)		
Nickel	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Potassium		5580		1140	ug/L	2.5		(0%-20%)		
Selenium	J	16.4	J	6.07	ug/L	84.8		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		16200		3510	ug/L	8.13		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	J	1.74	U	ND	ug/L	N/A		(0%-20%)		
Zinc	J	7.54	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: 771804

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 2976547											
QC1206434209 771808003 DUP											
Mercury		U	ND	U	ND	ug/L	N/A			JP2	04/14/26 11:54
QC1206434208 LCS											
Mercury	2.00				2.14	ug/L		107	(80%-120%)		04/14/26 11:25
QC1206434207 MB											
Mercury				U	ND	ug/L					04/14/26 11:23
QC1206434210 771808003 MS											
Mercury	2.00	U	ND		1.99	ug/L		98	(75%-125%)		04/14/26 11:56
Perfluorinated Compounds											
Batch 2980639											
QC1206441132 LCS											
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	90.0				83.9	ng/L		93	(55%-160%)	JMB3	04/20/26 14:17
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	91.4				106	ng/L		116	(60%-150%)		
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	89.3				95.8	ng/L		107	(70%-145%)		
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	90.5				106	ng/L		117	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	476				512	ng/L		108	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	476				547	ng/L		115	(70%-135%)		
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	95.2				105	ng/L		111	(65%-130%)		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	90.0				96.0	ng/L		107	(65%-145%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2980639											
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	89.1			99.7	ng/L		112	(70%-155%)	JMB3	04/20/26	14:17
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	95.2			86.0	ng/L		90	(70%-140%)			
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	23.8			24.8	ng/L		104	(65%-145%)			
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	23.8			23.9	ng/L		100	(70%-145%)			
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	238			249	ng/L		105	(70%-135%)			
N-Methylperfluorooctane sulfonamide (NMeFOSA)	23.8			24.8	ng/L		104	(60%-150%)			
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	23.8			25.5	ng/L		107	(50%-140%)			
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	238			242	ng/L		102	(70%-145%)			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	47.6			55.1	ng/L		116	(50%-150%)			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	42.4			46.9	ng/L		111	(70%-140%)			
Perfluoro-3-methoxypropanoic acid (PFMPA)	47.6			54.3	ng/L		114	(55%-140%)			
Perfluoro-4-methoxybutanoic acid (PFMBA)	47.6			50.3	ng/L		106	(60%-150%)			
Perfluorobutane sulfonic acid (PFBS)	21.1			24.1	ng/L		114	(60%-145%)			
Perfluorobutanoic acid (PFBA)	95.2			97.4	ng/L		102	(70%-140%)			

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2980639										
Perfluorodecane sulfonic acid (PFDS)	23.0			19.9	ng/L		87	(60%-145%)	JMB3	04/20/26 14:17
Perfluorodecanoic acid (PFDA)	23.8			23.7	ng/L		100	(70%-140%)		
Perfluorododecane sulfonic acid (PFDoS)	23.1			20.6	ng/L		89	(50%-145%)		
Perfluorododecanoic acid (PFDOA)	23.8			24.4	ng/L		102	(70%-140%)		
Perfluoroheptane sulfonic acid (PFHpS)	22.7			22.9	ng/L		101	(70%-150%)		
Perfluoroheptanoic acid (PFHpA)	23.8			25.0	ng/L		105	(70%-150%)		
Perfluorohexane sulfonic acid (PFHxS)	21.8			21.3	ng/L		98	(65%-145%)		
Perfluorohexanoic acid (PFHxA)	23.8			25.9	ng/L		109	(70%-145%)		
Perfluorononane sulfonic acid (PFNS)	22.9			23.0	ng/L		100	(65%-145%)		
Perfluorononanoic acid (PFNA)	23.8			23.8	ng/L		100	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	23.8			24.8	ng/L		104	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	22.1			21.3	ng/L		96	(55%-150%)		
Perfluorooctanoic acid (PFOA)	23.8			27.0	ng/L		113	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	22.4			24.3	ng/L		108	(65%-140%)		

QC Summary

Workorder: 771804

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2980639										
Perfluoropentanoic acid (PFPeA)	47.6			50.4	ng/L		106	(65%-135%)	JMB3	04/20/26 14:17
Perfluorotetradecanoic acid (PFTDA)	23.8			24.3	ng/L		102	(60%-140%)		
Perfluorotridecanoic acid (PFTrDA)	23.8			26.4	ng/L		111	(65%-140%)		
Perfluoroundecanoic acid (PFUnDA)	23.8			23.0	ng/L		97	(70%-145%)		
QC1206441133 LCS										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	5.73		J	5.35	ng/L		93	(55%-160%)		04/20/26 14:33
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.82		J	5.67	ng/L		97	(60%-150%)		
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	5.93		J	6.60	ng/L		111	(70%-145%)		
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	5.76		J	6.02	ng/L		105	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	30.3		J	30.0	ng/L		99	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	30.3		J	33.8	ng/L		111	(70%-135%)		
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	6.06		J	6.63	ng/L		109	(65%-130%)		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	5.73		J	6.66	ng/L		116	(65%-145%)		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	5.67		J	6.66	ng/L		118	(70%-155%)		
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	6.06		J	4.84	ng/L		80	(70%-140%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2980639										
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	1.52		J	1.63	ng/L		107	(65%-145%)	JMB3	04/20/26 14:33
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	1.52		J	1.59	ng/L		105	(70%-145%)		
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	15.2		J	15.0	ng/L		99	(70%-135%)		
N-Methylperfluorooctane sulfonamide (NMeFOSA)	1.52		J	1.57	ng/L		104	(60%-150%)		
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	1.52		J	1.54	ng/L		101	(50%-140%)		
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	15.2		J	15.9	ng/L		105	(70%-145%)		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.03		J	3.76	ng/L		124	(50%-150%)		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.70		J	3.05	ng/L		113	(70%-140%)		
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.03		J	3.38	ng/L		111	(55%-140%)		
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.03		J	2.83	ng/L		93	(60%-150%)		
Perfluorobutane sulfonic acid (PFBS)	1.34		J	1.51	ng/L		112	(60%-145%)		
Perfluorobutanoic acid (PFBA)	6.06		J	6.09	ng/L		100	(70%-140%)		
Perfluorodecane sulfonic acid (PFDS)	1.46		J	1.37	ng/L		94	(60%-145%)		
Perfluorodecanoic acid (PFDA)	1.52		J	1.73	ng/L		114	(70%-140%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2980639										
Perfluorododecane sulfonic acid (PFDoS)	1.47		J	1.15	ng/L		78	(50%-145%)	JMB3	04/20/26 14:33
Perfluorododecanoic acid (PFDOA)	1.52		J	1.43	ng/L		94	(70%-140%)		
Perfluoroheptane sulfonic acid (PFHpS)	1.44		J	1.58	ng/L		109	(70%-150%)		
Perfluoroheptanoic acid (PFHpA)	1.52		J	1.74	ng/L		115	(70%-150%)		
Perfluorohexane sulfonic acid (PFHxS)	1.39		J	1.44	ng/L		104	(65%-145%)		
Perfluorohexanoic acid (PFHxA)	1.52		J	1.75	ng/L		115	(70%-145%)		
Perfluorononane sulfonic acid (PFNS)	1.46		J	1.49	ng/L		102	(65%-145%)		
Perfluorononanoic acid (PFNA)	1.52		J	1.60	ng/L		106	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	1.52		J	1.65	ng/L		109	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	1.41		J	1.56	ng/L		111	(55%-150%)		
Perfluorooctanoic acid (PFOA)	1.52		J	1.50	ng/L		99	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	1.43		J	1.06	ng/L		74	(65%-140%)		
Perfluoropentanoic acid (PFPeA)	3.03			3.08	ng/L		101	(65%-135%)		
Perfluorotetradecanoic acid (PFTDA)	1.52		J	1.54	ng/L		102	(60%-140%)		

QC Summary

Workorder: 771804

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2980639											
Perfluorotridecanoic acid (PFTrDA)	1.52		J	1.70	ng/L		112	(65%-140%)	JMB3	04/20/26	14:33
Perfluoroundecanoic acid (PFUnDA)	1.52		J	1.58	ng/L		104	(70%-145%)			
QC1206441131 MB											
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)			U	< 2.4	ng/L					04/20/26	14:01
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)			U	< 2.4	ng/L						
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)			U	< 2.4	ng/L						
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)			U	< 2.4	ng/L						
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)			U	< 13	ng/L						
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)			U	< 13	ng/L						
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)			U	< 2.5	ng/L						
4,8-Dioxa-3H-perfluorononanoic acid (DONA)			U	< 2.4	ng/L						
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)			U	< 2.4	ng/L						
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)			U	< 2.5	ng/L						
N-Ethylperfluorooctane sulfonamide (EtFOSAm)			U	< 0.63	ng/L						
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)			U	< 0.63	ng/L						

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2980639										
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)			U	< 6.3	ng/L				JMB3	04/20/26 14:01
N-Methylperfluorooctane sulfonamide (NMeFOSA)			U	< 0.63	ng/L					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)			U	< 0.63	ng/L					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)			U	< 6.3	ng/L					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			U	< 1.3	ng/L					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)			U	< 1.1	ng/L					
Perfluoro-3-methoxypropanoic acid (PFMPA)			U	< 1.3	ng/L					
Perfluoro-4-methoxybutanoic acid (PFMBA)			U	< 1.3	ng/L					
Perfluorobutane sulfonic acid (PFBS)			U	< 0.56	ng/L					
Perfluorobutanoic acid (PFBA)			U	< 2.5	ng/L					
Perfluorodecane sulfonic acid (PFDS)			U	< 0.61	ng/L					
Perfluorodecanoic acid (PFDA)			U	< 0.63	ng/L					
Perfluorododecane sulfonic acid (PFDoS)			U	< 0.62	ng/L					
Perfluorododecanoic acid (PFDOA)			U	< 0.63	ng/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2980639										
Perfluoroheptane sulfonic acid (PFHpS)			U	< 0.60	ng/L				JMB3	04/20/26 14:01
Perfluoroheptanoic acid (PFHpA)			U	< 0.63	ng/L					
Perfluorohexane sulfonic acid (PFHxS)			U	< 0.58	ng/L					
Perfluorohexanoic acid (PFHxA)			U	< 0.63	ng/L					
Perfluorononane sulfonic acid (PFNS)			U	< 0.61	ng/L					
Perfluorononanoic acid (PFNA)			U	< 0.63	ng/L					
Perfluorooctane sulfonamide (PFOSAm)			U	< 0.63	ng/L					
Perfluorooctane sulfonic acid (PFOS)			U	< 0.59	ng/L					
Perfluorooctanoic acid (PFOA)			U	< 0.63	ng/L					
Perfluoropentane sulfonic acid (PFPeS)			U	< 0.60	ng/L					
Perfluoropentanoic acid (PFPeA)			U	< 0.63	ng/L					
Perfluorotetradecanoic acid (PFTDA)			U	< 0.63	ng/L					
Perfluorotridecanoic acid (PFTrDA)			U	< 0.63	ng/L					
Perfluoroundecanoic acid (PFUnDA)			U	< 0.63	ng/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
QC1206435780 LCS										
1,1'-Biphenyl	50.0			39.5	ug/L		79	(45%-114%)	LL2	04/16/26 17:32
1,2,4,5-Tetrachlorobenzene	50.0			38.4	ug/L		77	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			45.2	ug/L		90	(41%-119%)		
2,4,5-Trichlorophenol	50.0			44.5	ug/L		89	(42%-122%)		
2,4,6-Trichlorophenol	50.0			43.6	ug/L		87	(40%-119%)		
2,4-Dichlorophenol	50.0			40.9	ug/L		82	(36%-111%)		
2,4-Dimethylphenol	50.0			22.6	ug/L		45	(31%-68%)		
2,4-Dinitrophenol	50.0			46.7	ug/L		93	(30%-120%)		
2,4-Dinitrotoluene	50.0			53.3	ug/L		107	(48%-128%)		
2,6-Dinitrotoluene	50.0			53.6	ug/L		107	(47%-124%)		
2-Chloronaphthalene	50.0			49.7	ug/L		99	(41%-113%)		
2-Chlorophenol	50.0			35.2	ug/L		70	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			48.7	ug/L		97	(32%-131%)		
2-Methylnaphthalene	50.0			49.3	ug/L		99	(42%-116%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2-Nitrophenol	50.0			44.2	ug/L		88	(36%-115%)	LL2	04/16/26 17:32
3,3'-Dichlorobenzidine	50.0			46.5	ug/L		93	(43%-116%)		
4-Bromophenylphenylether	50.0			50.3	ug/L		101	(49%-125%)		
4-Chloro-3-methylphenol	50.0			39.4	ug/L		79	(35%-113%)		
4-Chloroaniline	50.0			38.7	ug/L		77	(39%-112%)		
4-Chlorophenylphenylether	50.0			50.3	ug/L		101	(48%-124%)		
4-Nitrophenol	50.0			30.7	ug/L		61	(25%-69%)		
Acenaphthene	50.0			47.7	ug/L		95	(44%-118%)		
Acenaphthylene	50.0			43.1	ug/L		86	(42%-110%)		
Acetophenone	50.0			41.1	ug/L		82	(44%-114%)		
Anthracene	50.0			47.2	ug/L		94	(49%-121%)		
Atrazine	50.0			31.7	ug/L		63	(49%-147%)		
Benzaldehyde	50.0			12.5	ug/L		25*	(27%-111%)		
Benzo(a)anthracene	50.0			48.3	ug/L		97	(46%-121%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Benzo(a)pyrene	50.0			46.8	ug/L		94	(41%-120%)	LL2	04/16/26 17:32
Benzo(b)fluoranthene	50.0			54.3	ug/L		109	(45%-126%)		
Benzo(ghi)perylene	50.0			52.1	ug/L		104	(44%-129%)		
Benzo(k)fluoranthene	50.0			50.0	ug/L		100	(44%-126%)		
Butylbenzylphthalate	50.0			54.7	ug/L		109	(47%-135%)		
Carbazole	50.0			51.2	ug/L		102	(52%-127%)		
Chrysene	50.0			47.1	ug/L		94	(46%-121%)		
Di-n-butylphthalate	50.0			52.2	ug/L		104	(51%-132%)		
Di-n-octylphthalate	50.0			54.9	ug/L		110	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			50.9	ug/L		102	(42%-123%)		
Dibenzofuran	50.0			48.2	ug/L		96	(48%-118%)		
Diethylphthalate	50.0			50.9	ug/L		102	(51%-131%)		
Dimethylphthalate	50.0			47.9	ug/L		96	(48%-129%)		
Diphenylamine	50.0			48.2	ug/L		96	(49%-122%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Fluoranthene	50.0			52.1	ug/L		104	(50%-126%)	LL2	04/16/26 17:32
Fluorene	50.0			48.6	ug/L		97	(48%-122%)		
Hexachlorobenzene	50.0			49.4	ug/L		99	(46%-122%)		
Hexachlorobutadiene	50.0			40.0	ug/L		80	(32%-94%)		
Hexachlorocyclopentadiene	50.0			15.1	ug/L		30*	(31%-64%)		
Hexachloroethane	50.0			37.5	ug/L		75	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			51.5	ug/L		103	(40%-125%)		
Isophorone	50.0			40.3	ug/L		81	(39%-126%)		
N-Nitrosodipropylamine	50.0			46.8	ug/L		94	(44%-122%)		
Naphthalene	50.0			44.1	ug/L		88	(41%-107%)		
Nitrobenzene	50.0			45.0	ug/L		90	(42%-112%)		
Pentachlorophenol	50.0			50.5	ug/L		101	(36%-124%)		
Phenanthrene	50.0			48.4	ug/L		97	(48%-120%)		
Phenol	50.0			19.0	ug/L		38	(12%-90%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Pyrene	50.0			52.5	ug/L		105	(51%-127%)	LL2	04/16/26 17:32
bis(2-Chloro-1-methylethyl)ether	50.0			43.8	ug/L		88	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			47.2	ug/L		94	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			43.7	ug/L		87	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			51.2	ug/L		102	(42%-132%)		
m,p-Cresols	50.0			33.9	ug/L		68	(29%-82%)		
m-Nitroaniline	50.0			48.8	ug/L		98	(44%-119%)		
o-Cresol	50.0			30.8	ug/L		62	(29%-86%)		
o-Nitroaniline	50.0			59.8	ug/L		120	(45%-128%)		
p-Nitroaniline	50.0			56.2	ug/L		112	(46%-130%)		
**2,4,6-Tribromophenol	100			90.9	ug/L		91	(28%-113%)		
**2-Fluorobiphenyl	50.0			41.0	ug/L		82	(32%-102%)		
**2-Fluorophenol	100			41.4	ug/L		41	(15%-72%)		
**Nitrobenzene-d5	50.0			41.2	ug/L		82	(31%-100%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
**Phenol-d5	100			30.9	ug/L		31	(15%-85%)	LL2	04/16/26 17:32
**p-Terphenyl-d14	50.0			42.5	ug/L		85	(20%-118%)		
QC1206435779 MB										
1,1'-Biphenyl			U	ND	ug/L					04/16/26 17:07
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2-Methyl-4,6-dinitrophenol			U	ND	ug/L				LL2	04/16/26 17:07
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Benzaldehyde			U	ND	ug/L				LL2	04/16/26 17:07
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Dimethylphthalate			U	ND	ug/L				LL2	04/16/26 17:07
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Phenanthrene			U	ND	ug/L				LL2	04/16/26 17:07
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			71.4	ug/L		71	(28%-113%)		
**2-Fluorobiphenyl	50.0			34.6	ug/L		69	(32%-102%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
**2-Fluorophenol	100				32.0	ug/L		32	(15%-72%)	LL2	04/16/26 17:07
**Nitrobenzene-d5	50.0				33.5	ug/L		67	(31%-100%)		
**Phenol-d5	100				23.1	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0				38.0	ug/L		76	(20%-118%)		
QC1206435783 771903001 MS											
1,1'-Biphenyl	147	U	ND		110	ug/L		75	(30%-119%)		04/17/26 01:16
1,2,4,5-Tetrachlorobenzene	147	U	ND		108	ug/L		73	(28%-109%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		130	ug/L		88	(31%-125%)		
2,4,5-Trichlorophenol	147	U	ND		130	ug/L		89	(32%-128%)		
2,4,6-Trichlorophenol	147	U	ND		130	ug/L		88	(32%-122%)		
2,4-Dichlorophenol	147	U	ND		136	ug/L		92	(30%-117%)		
2,4-Dimethylphenol	147	U	ND		76.8	ug/L		52	(21%-75%)		
2,4-Dinitrophenol	147	U	ND		146	ug/L		99	(24%-128%)		
2,4-Dinitrotoluene	147	U	ND		144	ug/L		98	(36%-129%)		
2,6-Dinitrotoluene	147	U	ND		143	ug/L		97	(35%-126%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2-Chloronaphthalene	147	U	ND		138	ug/L		94	(31%-114%)	LL2	04/17/26 01:16
2-Chlorophenol	147	U	ND		130	ug/L		88	(25%-106%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		144	ug/L		98	(25%-131%)		
2-Methylnaphthalene	147	U	ND		140	ug/L		95	(32%-117%)		
2-Nitrophenol	147	U	ND		141	ug/L		96	(28%-118%)		
3,3'-Dichlorobenzidine	147	U	ND		126	ug/L		86	(24%-119%)		
4-Bromophenylphenylether	147	U	ND		137	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	147	U	ND		126	ug/L		85	(32%-122%)		
4-Chloroaniline	147	U	ND		122	ug/L		83	(27%-117%)		
4-Chlorophenylphenylether	147	U	ND		136	ug/L		92	(35%-126%)		
4-Nitrophenol	147	U	ND		142	ug/L		96*	(9%-95%)		
Acenaphthene	147	U	ND		129	ug/L		88	(33%-118%)		
Acenaphthylene	147	U	ND		118	ug/L		80	(30%-112%)		
Acetophenone	147	U	ND		121	ug/L		82	(31%-118%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Anthracene	147	U	ND		126	ug/L		86	(35%-122%)	LL2	04/17/26 01:16
Atrazine	147	U	ND		78.5	ug/L		53	(26%-158%)		
Benzaldehyde	147	U	ND	U	ND	ug/L		0*	(16%-109%)		
Benzo(a)anthracene	147	U	ND		128	ug/L		87	(33%-122%)		
Benzo(a)pyrene	147	U	ND		125	ug/L		85	(30%-121%)		
Benzo(b)fluoranthene	147	U	ND		142	ug/L		96	(33%-128%)		
Benzo(ghi)perylene	147	U	ND		138	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	147	U	ND		134	ug/L		91	(32%-128%)		
Butylbenzylphthalate	147	U	ND		146	ug/L		99	(35%-136%)		
Carbazole	147	U	ND		138	ug/L		94	(39%-129%)		
Chrysene	147	U	ND		125	ug/L		85	(34%-122%)		
Di-n-butylphthalate	147	U	ND		140	ug/L		95	(36%-133%)		
Di-n-octylphthalate	147	U	ND		148	ug/L		100	(29%-136%)		
Dibenzo(a,h)anthracene	147	U	ND		135	ug/L		92	(30%-124%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Dibenzofuran	147	U	ND		131	ug/L		89	(36%-120%)	LL2	04/17/26 01:16
Diethylphthalate	147	U	ND		136	ug/L		92	(37%-133%)		
Dimethylphthalate	147	U	ND		134	ug/L		91	(36%-131%)		
Diphenylamine	147	U	ND		132	ug/L		90	(33%-124%)		
Fluoranthene	147	U	ND		140	ug/L		95	(36%-128%)		
Fluorene	147	U	ND		132	ug/L		90	(35%-124%)		
Hexachlorobenzene	147	U	ND		135	ug/L		92	(34%-123%)		
Hexachlorobutadiene	147	U	ND		111	ug/L		76	(22%-97%)		
Hexachlorocyclopentadiene	147	U	ND		42.7	ug/L		29	(18%-65%)		
Hexachloroethane	147	U	ND		102	ug/L		70	(20%-91%)		
Indeno(1,2,3-cd)pyrene	147	U	ND		137	ug/L		93	(29%-127%)		
Isophorone	147	U	ND		114	ug/L		77	(27%-128%)		
N-Nitrosodipropylamine	147	U	ND		134	ug/L		91	(30%-128%)		
Naphthalene	147	U	ND		125	ug/L		85	(30%-109%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Nitrobenzene	147	U	ND		127	ug/L		86	(30%-117%)	LL2	04/17/26 01:16
Pentachlorophenol	147	U	ND		140	ug/L		95	(30%-131%)		
Phenanthrene	147	U	ND		130	ug/L		89	(35%-122%)		
Phenol	147	U	ND		109	ug/L		74	(16%-74%)		
Pyrene	147	U	ND		139	ug/L		95	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		124	ug/L		84	(19%-144%)		
bis(2-Chloroethoxy)methane	147	U	ND		134	ug/L		91	(31%-117%)		
bis(2-Chloroethyl) ether	147	U	ND		129	ug/L		87	(29%-113%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		136	ug/L		92	(29%-135%)		
m,p-Cresols	147	U	ND		143	ug/L		97	(21%-105%)		
m-Nitroaniline	147	U	ND		141	ug/L		96	(29%-127%)		
o-Cresol	147	U	ND		126	ug/L		85	(23%-104%)		
o-Nitroaniline	147	U	ND		163	ug/L		111	(32%-130%)		
p-Nitroaniline	147	U	ND		156	ug/L		106	(33%-134%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
**2,4,6-Tribromophenol	294		85.3		270	ug/L		92	(28%-113%)	LL2	04/17/26 01:16
**2-Fluorobiphenyl	147		38.1		115	ug/L		78	(32%-102%)		
**2-Fluorophenol	294		42.4		209	ug/L		71	(15%-72%)		
**Nitrobenzene-d5	147		36.3		119	ug/L		81	(31%-100%)		
**Phenol-d5	294		27.1		193	ug/L		66	(15%-85%)		
**p-Terphenyl-d14	147		39.1		126	ug/L		86	(20%-118%)		
QC1206435784 771903001 MSD											
1,1'-Biphenyl	147	U	ND		127	ug/L	15	87	(0%-30%)		04/17/26 01:42
1,2,4,5-Tetrachlorobenzene	147	U	ND		125	ug/L	15	85	(0%-30%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		151	ug/L	15	103	(0%-30%)		
2,4,5-Trichlorophenol	147	U	ND		152	ug/L	15	103	(0%-30%)		
2,4,6-Trichlorophenol	147	U	ND		151	ug/L	15	102	(0%-30%)		
2,4-Dichlorophenol	147	U	ND		155	ug/L	13	105	(0%-30%)		
2,4-Dimethylphenol	147	U	ND		87.0	ug/L	12	59	(0%-30%)		
2,4-Dinitrophenol	147	U	ND		165	ug/L	12	112	(0%-30%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dinitrotoluene	147	U	ND		166	ug/L	15	113	(0%-30%)	LL2	04/17/26 01:42
2,6-Dinitrotoluene	147	U	ND		165	ug/L	14	112	(0%-30%)		
2-Chloronaphthalene	147	U	ND		156	ug/L	12	106	(0%-30%)		
2-Chlorophenol	147	U	ND		145	ug/L	11	99	(0%-30%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		170	ug/L	17	115	(0%-30%)		
2-Methylnaphthalene	147	U	ND		160	ug/L	13	108	(0%-30%)		
2-Nitrophenol	147	U	ND		163	ug/L	14	111	(0%-30%)		
3,3'-Dichlorobenzidine	147	U	ND		146	ug/L	15	99	(0%-30%)		
4-Bromophenylphenylether	147	U	ND		158	ug/L	14	107	(0%-30%)		
4-Chloro-3-methylphenol	147	U	ND		153	ug/L	19	104	(0%-30%)		
4-Chloroaniline	147	U	ND		139	ug/L	13	95	(0%-30%)		
4-Chlorophenylphenylether	147	U	ND		157	ug/L	15	107	(0%-30%)		
4-Nitrophenol	147	U	ND		137	ug/L	3	93	(0%-30%)		
Acenaphthene	147	U	ND		150	ug/L	15	102	(0%-30%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date Time
Semi-Volatile-GC/MS													
Batch 2977541													
Acenaphthylene	147	U	ND		136	ug/L	14		92		(0%-30%)	LL2	04/17/26 01:42
Acetophenone	147	U	ND		138	ug/L	13		94		(0%-30%)		
Anthracene	147	U	ND		143	ug/L	13		97		(0%-30%)		
Atrazine	147	U	ND		83.6	ug/L	6		57		(0%-30%)		
Benzaldehyde	147	U	ND	J	21.5	ug/L	200	*	15	*	(0%-30%)		
Benzo(a)anthracene	147	U	ND		148	ug/L	15		101		(0%-30%)		
Benzo(a)pyrene	147	U	ND		144	ug/L	14		98		(0%-30%)		
Benzo(b)fluoranthene	147	U	ND		170	ug/L	18		116		(0%-30%)		
Benzo(ghi)perylene	147	U	ND		162	ug/L	16		110		(0%-30%)		
Benzo(k)fluoranthene	147	U	ND		147	ug/L	10		100		(0%-30%)		
Butylbenzylphthalate	147	U	ND		170	ug/L	15		116		(0%-30%)		
Carbazole	147	U	ND		156	ug/L	12		106		(0%-30%)		
Chrysene	147	U	ND		144	ug/L	14		98		(0%-30%)		
Di-n-butylphthalate	147	U	ND		161	ug/L	14		109		(0%-30%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Di-n-octylphthalate	147	U	ND		171	ug/L	14	116	(0%-30%)	LL2	04/17/26 01:42
Dibenzo(a,h)anthracene	147	U	ND		157	ug/L	15	107	(0%-30%)		
Dibenzofuran	147	U	ND		151	ug/L	15	103	(0%-30%)		
Diethylphthalate	147	U	ND		157	ug/L	14	107	(0%-30%)		
Dimethylphthalate	147	U	ND		153	ug/L	13	104	(0%-30%)		
Diphenylamine	147	U	ND		150	ug/L	12	102	(0%-30%)		
Fluoranthene	147	U	ND		160	ug/L	13	108	(0%-30%)		
Fluorene	147	U	ND		151	ug/L	13	102	(0%-30%)		
Hexachlorobenzene	147	U	ND		156	ug/L	15	106	(0%-30%)		
Hexachlorobutadiene	147	U	ND		125	ug/L	11	85	(0%-30%)		
Hexachlorocyclopentadiene	147	U	ND		50.9	ug/L	18	35	(0%-30%)		
Hexachloroethane	147	U	ND		112	ug/L	9	76	(0%-30%)		
Indeno(1,2,3-cd)pyrene	147	U	ND		159	ug/L	15	108	(0%-30%)		
Isophorone	147	U	ND		130	ug/L	13	88	(0%-30%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
N-Nitrosodipropylamine	147	U	ND		155	ug/L	15	105	(0%-30%)	LL2	04/17/26 01:42
Naphthalene	147	U	ND		140	ug/L	12	95	(0%-30%)		
Nitrobenzene	147	U	ND		145	ug/L	13	98	(0%-30%)		
Pentachlorophenol	147	U	ND		161	ug/L	14	109	(0%-30%)		
Phenanthrene	147	U	ND		149	ug/L	13	101	(0%-30%)		
Phenol	147	U	ND		122	ug/L	12	83*	(0%-30%)		
Pyrene	147	U	ND		160	ug/L	14	108	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		140	ug/L	12	95	(0%-30%)		
bis(2-Chloroethoxy)methane	147	U	ND		155	ug/L	14	105	(0%-30%)		
bis(2-Chloroethyl) ether	147	U	ND		142	ug/L	10	97	(0%-30%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		158	ug/L	15	108	(0%-30%)		
m,p-Cresols	147	U	ND		161	ug/L	12	110*	(0%-30%)		
m-Nitroaniline	147	U	ND		160	ug/L	13	109	(0%-30%)		
o-Cresol	147	U	ND		141	ug/L	12	96	(0%-30%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2977541												
o-Nitroaniline	147	U	ND		189	ug/L	15		128	(0%-30%)	LL2	04/17/26 01:42
p-Nitroaniline	147	U	ND		175	ug/L	11		119	(0%-30%)		
**2,4,6-Tribromophenol	294		85.3		307	ug/L			104	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		130	ug/L			89	(32%-102%)		
**2-Fluorophenol	294		42.4		230	ug/L			78*	(15%-72%)		
**Nitrobenzene-d5	147		36.3		135	ug/L			92	(31%-100%)		
**Phenol-d5	294		27.1		215	ug/L			73	(15%-85%)		
**p-Terphenyl-d14	147		39.1		141	ug/L			96	(20%-118%)		
Spectrometric Analysis												
Batch 2975254												
QC1206431807 771579002 DUP												
Hexavalent Chromium			0.0247		0.0247	mg/L	68.6	^		(+/-0.0100)	BR2	04/09/26 17:19
QC1206431806 LCS												
Hexavalent Chromium	0.0472				0.0504	mg/L			107	(85%-115%)		04/09/26 17:18
QC1206431805 MB												
Hexavalent Chromium				U	ND	mg/L						04/09/26 17:18
QC1206431808 771579002 MS												
Hexavalent Chromium	0.0472		0.0247		0.0785	mg/L			114	(85%-115%)		04/09/26 17:19

QC Summary

Workorder: 771804

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Spectrometric Analysis												
Batch 2975721												
QC1206432725 771803002 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A				IS2	04/10/26 10:00
QC1206432727 771804009 DUP												
Hexavalent Chromium		J	0.00525	J	0.00525	mg/L	0	^		(+/-0.0100)		04/10/26 10:01
QC1206432724 LCS												
Hexavalent Chromium	0.0472				0.0498	mg/L			106	(85%-115%)		04/10/26 10:00
QC1206432723 MB												
Hexavalent Chromium				U	ND	mg/L						04/10/26 10:00
QC1206432726 771803002 MS												
Hexavalent Chromium	0.0472	U	ND		0.0510	mg/L			108	(85%-115%)		04/10/26 10:00
Volatile-GC/MS												
Batch 2982543												
QC1206444817 LCS												
1,1,1-Trichloroethane	50.0				56.4	ug/L			113	(70%-130%)	CO1	04/22/26 07:58
1,1,2,2-Tetrachloroethane	50.0				45.8	ug/L			92	(70%-130%)		
1,1,2-Trichloroethane	50.0				43.7	ug/L			87	(70%-130%)		
1,1-Dichloroethane	50.0				48.4	ug/L			97	(70%-130%)		
1,1-Dichloroethylene	50.0				57.6	ug/L			115	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				50.0	ug/L			100	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				52.5	ug/L			105	(70%-130%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
1,2-Dibromo-3-chloropropane	50.0			43.2	ug/L		86	(70%-130%)	CO1	04/22/26 07:58
1,2-Dibromoethane	50.0			46.7	ug/L		93	(70%-130%)		
1,2-Dichlorobenzene	50.0			50.3	ug/L		101	(70%-130%)		
1,2-Dichloroethane	50.0			49.4	ug/L		99	(70%-130%)		
1,2-Dichloropropane	50.0			43.7	ug/L		87	(70%-130%)		
1,3-Dichlorobenzene	50.0			50.5	ug/L		101	(70%-130%)		
1,4-Dichlorobenzene	50.0			49.8	ug/L		100	(70%-130%)		
2-Butanone	250			209	ug/L		84	(70%-130%)		
2-Hexanone	250			208	ug/L		83	(70%-130%)		
4-Methyl-2-pentanone	250			212	ug/L		85	(70%-130%)		
Acetone	250			218	ug/L		87	(70%-130%)		
Benzene	50.0			45.1	ug/L		90	(70%-130%)		
Bromochloromethane	50.0			47.5	ug/L		95	(70%-130%)		
Bromodichloromethane	50.0			50.5	ug/L		101	(70%-130%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
Bromoform	50.0			47.6	ug/L		95	(70%-130%)	CO1	04/22/26 07:58
Bromomethane	50.0			50.4	ug/L		101	(70%-130%)		
Carbon disulfide	250			263	ug/L		105	(70%-130%)		
Carbon tetrachloride	50.0			58.9	ug/L		118	(70%-130%)		
Chlorobenzene	50.0			46.9	ug/L		94	(70%-130%)		
Chloroethane	50.0			56.8	ug/L		114	(70%-130%)		
Chloroform	50.0			50.5	ug/L		101	(70%-130%)		
Chloromethane	50.0			51.3	ug/L		103	(70%-130%)		
Cyclohexane	50.0			47.9	ug/L		96	(70%-130%)		
Dibromochloromethane	50.0			52.2	ug/L		104	(70%-130%)		
Dichlorodifluoromethane	50.0			56.1	ug/L		112	(70%-130%)		
Ethylbenzene	50.0			48.9	ug/L		98	(70%-130%)		
Isopropylbenzene	50.0			56.1	ug/L		112	(70%-130%)		
Methyl acetate	250			213	ug/L		85	(70%-130%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
Methylcyclohexane	50.0			48.4	ug/L		97	(70%-130%)	CO1	04/22/26 07:58
Methylene chloride	50.0			49.3	ug/L		99	(70%-130%)		
Styrene	50.0			50.5	ug/L		101	(70%-130%)		
Tetrachloroethylene	50.0			50.6	ug/L		101	(70%-130%)		
Toluene	50.0			47.6	ug/L		95	(70%-130%)		
Trichloroethylene	50.0			51.0	ug/L		102	(70%-130%)		
Trichlorofluoromethane	50.0			57.5	ug/L		115	(70%-130%)		
Vinyl chloride	50.0			56.1	ug/L		112	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			48.2	ug/L		96	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			47.0	ug/L		94	(70%-130%)		
m,p-Xylenes	100			98.4	ug/L		98	(70%-130%)		
o-Xylene	50.0			50.5	ug/L		101	(70%-130%)		
tert-Butyl methyl ether	50.0			43.7	ug/L		87	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			52.8	ug/L		106	(70%-130%)		

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
trans-1,3-Dichloropropylene	50.0			47.0	ug/L		94	(70%-130%)	CO1	04/22/26 07:58
**1,2-Dichloroethane-d4	50.0			55.9	ug/L		112	(71%-131%)		
**Bromofluorobenzene	50.0			55.5	ug/L		111	(77%-123%)		
**Toluene-d8	50.0			53.5	ug/L		107	(77%-121%)		
QC1206444818 LCS										
1,4-Dioxane	2500			2000	ug/L		80	(70%-130%)		04/22/26 08:49
Trichlorotrifluoroethane	250			232	ug/L		93	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			54.5	ug/L		109	(71%-131%)		
**Bromofluorobenzene	50.0			53.8	ug/L		108	(77%-123%)		
**Toluene-d8	50.0			51.7	ug/L		103	(77%-121%)		
QC1206444819 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/22/26 09:39
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
1,2,3-Trichlorobenzene			U	ND	ug/L				CO1	04/22/26 09:39
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
Benzene			U	ND	ug/L				CO1	04/22/26 09:39
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
Ethylbenzene			U	ND	ug/L				CO1	04/22/26 09:39
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982543										
m,p-Xylenes			U	ND	ug/L				CO1	04/22/26 09:39
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			56.4	ug/L		113	(71%-131%)		
**Bromofluorobenzene	50.0			52.4	ug/L		105	(77%-123%)		
**Toluene-d8	50.0			52.2	ug/L		104	(77%-121%)		
QC1206444820 771804001 MS										
1,1,1-Trichloroethane	50.0	U	ND	47.5	ug/L		95	(60%-123%)		04/22/26 15:59
1,1,2,2-Tetrachloroethane	50.0	U	ND	41.9	ug/L		84	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND	40.2	ug/L		80	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND	40.4	ug/L		81	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND	46.9	ug/L		94	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND	44.9	ug/L		90	(40%-140%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
1,2,4-Trichlorobenzene	50.0	U	ND		46.1	ug/L		92	(51%-129%)	CO1	04/22/26 15:59
1,2-Dibromo-3-chloropropane	50.0	U	ND		40.5	ug/L		81	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		43.4	ug/L		87	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		44.6	ug/L		89	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		42.8	ug/L		86	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		38.1	ug/L		76	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		44.6	ug/L		89	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		44.2	ug/L		88	(54%-123%)		
2-Butanone	250	U	ND		188	ug/L		75	(59%-136%)		
2-Hexanone	250	U	ND		198	ug/L		79	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		193	ug/L		77	(63%-135%)		
Acetone	250	U	ND		182	ug/L		73	(50%-140%)		
Benzene	50.0	U	ND		39.1	ug/L		78	(64%-119%)		
Bromochloromethane	50.0	U	ND		42.5	ug/L		85	(63%-130%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
Bromodichloromethane	50.0	U	ND		45.1	ug/L		90	(65%-125%)	CO1	04/22/26 15:59
Bromoform	50.0	U	ND		41.9	ug/L		84	(49%-129%)		
Bromomethane	50.0	U	ND		45.5	ug/L		91	(55%-154%)		
Carbon disulfide	250	U	ND		217	ug/L		87	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		49.5	ug/L		99	(60%-127%)		
Chlorobenzene	50.0	U	ND		42.2	ug/L		84	(61%-120%)		
Chloroethane	50.0	U	ND		47.7	ug/L		95	(60%-138%)		
Chloroform	50.0	U	ND		43.7	ug/L		87	(64%-122%)		
Chloromethane	50.0	U	ND		40.1	ug/L		80	(43%-161%)		
Cyclohexane	50.0	U	ND		40.3	ug/L		81	(51%-125%)		
Dibromochloromethane	50.0	U	ND		47.7	ug/L		95	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		44.1	ug/L		88	(37%-162%)		
Ethylbenzene	50.0	U	ND		42.9	ug/L		86	(57%-122%)		
Isopropylbenzene	50.0	U	ND		48.5	ug/L		97	(53%-128%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
Methyl acetate	250	U	ND		184	ug/L		74	(58%-145%)	CO1	04/22/26 15:59
Methylcyclohexane	50.0	U	ND		41.6	ug/L		83	(58%-122%)		
Methylene chloride	50.0	U	ND		42.4	ug/L		85	(61%-135%)		
Styrene	50.0	U	ND		45.4	ug/L		91	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		43.5	ug/L		87	(53%-124%)		
Toluene	50.0	U	ND		41.9	ug/L		84	(60%-120%)		
Trichloroethylene	50.0	U	ND		45.0	ug/L		90	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		48.7	ug/L		97	(51%-134%)		
Vinyl chloride	50.0	U	ND		46.7	ug/L		93	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		41.9	ug/L		84	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		41.9	ug/L		84	(61%-123%)		
m,p-Xylenes	100	U	ND		85.6	ug/L		86	(58%-122%)		
o-Xylene	50.0	U	ND		44.1	ug/L		88	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		35.7	ug/L		71	(60%-124%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
trans-1,2-Dichloroethylene	50.0	U	ND		43.1	ug/L		86	(64%-127%)	CO1	04/22/26 15:59
trans-1,3-Dichloropropylene	50.0	U	ND		41.9	ug/L		84	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		54.0		54.2	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		56.6	ug/L		113	(77%-123%)		
**Toluene-d8	50.0		51.7		53.1	ug/L		106	(77%-121%)		
QC1206444822 771804001 MS											
1,4-Dioxane	2500	U	ND		1960	ug/L		79	(50%-136%)		04/22/26 16:49
Trichlorotrifluoroethane	250	U	ND		216	ug/L		86	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		54.0		53.0	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		55.2	ug/L		110	(77%-123%)		
**Toluene-d8	50.0		51.7		51.6	ug/L		103	(77%-121%)		
QC1206444821 771804001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		45.7	ug/L	4	91	(0%-20%)		04/22/26 16:24
1,1,2,2-Tetrachloroethane	50.0	U	ND		40.4	ug/L	4	81	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		38.8	ug/L	3	78	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		39.0	ug/L	3	78	(0%-20%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
1,1-Dichloroethylene	50.0	U	ND		45.2	ug/L	4	90	(0%-20%)	CO1	04/22/26 16:24
1,2,3-Trichlorobenzene	50.0	U	ND		40.8	ug/L	9	82	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		42.6	ug/L	8	85	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		38.3	ug/L	6	77	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		42.9	ug/L	1	86	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		42.5	ug/L	5	85	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		41.6	ug/L	3	83	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		37.3	ug/L	2	75	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		42.6	ug/L	5	85	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		42.3	ug/L	4	85	(0%-20%)		
2-Butanone	250	U	ND		186	ug/L	1	74	(0%-20%)		
2-Hexanone	250	U	ND		196	ug/L	1	78	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		190	ug/L	2	76	(0%-20%)		
Acetone	250	U	ND		179	ug/L	2	72	(0%-20%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
Benzene	50.0	U	ND		37.8	ug/L	3	76	(0%-20%)	CO1	04/22/26 16:24
Bromochloromethane	50.0	U	ND		41.8	ug/L	2	84	(0%-20%)		
Bromodichloromethane	50.0	U	ND		44.1	ug/L	2	88	(0%-20%)		
Bromoform	50.0	U	ND		41.1	ug/L	2	82	(0%-20%)		
Bromomethane	50.0	U	ND		42.1	ug/L	8	84	(0%-20%)		
Carbon disulfide	250	U	ND		207	ug/L	5	83	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		48.2	ug/L	3	96	(0%-20%)		
Chlorobenzene	50.0	U	ND		40.4	ug/L	4	81	(0%-20%)		
Chloroethane	50.0	U	ND		45.4	ug/L	5	91	(0%-20%)		
Chloroform	50.0	U	ND		42.3	ug/L	3	85	(0%-20%)		
Chloromethane	50.0	U	ND		36.9	ug/L	8	74	(0%-20%)		
Cyclohexane	50.0	U	ND		38.3	ug/L	5	77	(0%-20%)		
Dibromochloromethane	50.0	U	ND		45.8	ug/L	4	92	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		39.5	ug/L	11	79	(0%-20%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
Ethylbenzene	50.0	U	ND		40.9	ug/L	5	82	(0%-20%)	CO1	04/22/26 16:24
Isopropylbenzene	50.0	U	ND		45.5	ug/L	6	91	(0%-20%)		
Methyl acetate	250	U	ND		182	ug/L	1	73	(0%-20%)		
Methylcyclohexane	50.0	U	ND		39.6	ug/L	5	79	(0%-20%)		
Methylene chloride	50.0	U	ND		41.4	ug/L	2	83	(0%-20%)		
Styrene	50.0	U	ND		43.5	ug/L	4	87	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		42.2	ug/L	3	84	(0%-20%)		
Toluene	50.0	U	ND		40.0	ug/L	4	80	(0%-20%)		
Trichloroethylene	50.0	U	ND		43.1	ug/L	4	86	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		46.5	ug/L	5	93	(0%-20%)		
Vinyl chloride	50.0	U	ND		43.6	ug/L	7	87	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		40.6	ug/L	3	81	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		40.9	ug/L	2	82	(0%-20%)		
m,p-Xylenes	100	U	ND		81.6	ug/L	5	82	(0%-20%)		

QC Summary

Workorder: **771804**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982543											
o-Xylene	50.0	U	ND		41.9	ug/L	5	84	(0%-20%)	CO1	04/22/26 16:24
tert-Butyl methyl ether	50.0	U	ND		35.3	ug/L	1	71	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		41.4	ug/L	4	83	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		40.9	ug/L	2	82	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.0		53.6	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		54.8	ug/L		110	(77%-123%)		
**Toluene-d8	50.0		51.7		51.9	ug/L		104	(77%-121%)		
QC1206444823 771804001 MSD											
1,4-Dioxane	2500	U	ND		1970	ug/L	0	79	(0%-20%)		04/22/26 17:14
Trichlorotrifluoroethane	250	U	ND		209	ug/L	3	84	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.0		52.9	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		53.6	ug/L		107	(77%-123%)		
**Toluene-d8	50.0		51.7		51.1	ug/L		102	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

J J Value is estimated

h h Preparation or preservation holding time was exceeded

QC Summary

Workorder: **771804**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

Q Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

Q Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number: _____
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 771804

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: Groundwater and Surface Water Sampling
Address: 2040 Savage Road, Charleston, SC 29407
Collected By: Heath Lowry
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Sample ID (Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	(7) Should this sample be considered: Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved)	Hexavalent Chromium (Dissolved)	Trip Blank	DI Water	PFAS	< (6) Preservative Type
								HA	Ø	NI	Ø	NI	Ø					
LS-MW-25	4-9-26	0810	*N	N	GW			9	3	2	1	1	1	1			4	
LS-MW-27		0910	*N	N	GW			HL 9	3	2	1	1	1	1			4	* Total TAL Metals and Hg (Dissolved) + Hexavalent chromium (Dissolved) are both field filtered
LS-MW-01		1046						9	3	2	1	1	1	1				
LS-MW-26		1130						9	3	2	1	1	1	1				
LS-MW-16		1247						9	3	2	1	1	1	1				
LS-MW-21		1335						9	3	2	1	1	1	1				

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Heath Lowry	4/9/26	1500		4-9-26	1500
2		4-9-26	1650	M. Stevens	4-9-26	1650
3						

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No *Cooler Temp:* 1.3 °C

Select Deliverable: [ ] Results and QC Summary [ ] Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246712
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive *** If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.***

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)
TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	**SDG/AR/COC/Work Order:** 771804	**GEL PM:**
Received By: MLS/ED	**Date Received at GEL:** 4-9-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR1-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
1	2				
2	3				
3	2				
4	1				
5	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr **Classified as: Rad 1 Rad 2 Rad 3**
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No ✓ NA___ Sample IDs and containers affected: LS-TB-040926
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CW Date 4/10/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771804

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2982543

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771804001	LS-MW-25
771804003	LS-MW-27
771804005	LS-MW-01
771804007	LS-MW-26
771804009	LS-MW-16
771804011	LS-MW-21
1206444817	Laboratory Control Sample (LCS) **Batch 2982543**
1206444818	Laboratory Control Sample (LCS)
1206444819	Method Blank (MB)
1206444820	771804001(LS-MW-25) Matrix Spike (MS)
1206444821	771804001(LS-MW-25) Matrix Spike Duplicate (MSD)
1206444822	771804001(LS-MW-25) Matrix Spike (MS)
1206444823	771804001(LS-MW-25) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2977541

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2977540

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771804001	LS-MW-25
771804003	LS-MW-27

771804005	LS-MW-01
771804007	LS-MW-26
771804009	LS-MW-16
771804011	LS-MW-21
1206435779	Method Blank (MB) **Batch 2977541**
1206435780	Laboratory Control Sample (LCS)
1206435783	771903001(NonSDG) Matrix Spike (MS)
1206435784	771903001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) displayed failing surrogate recoveries. Because the recoveries were biased high and target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435784 (Non SDG 771903001MSD)	2-Fluorophenol	78* (15%-72%)

Sample (See Below) did not meet surrogate recovery criteria. The sample was re-extracted out of holding and displayed similar low, but passing surrogate recoveries. The failures were attributed to sample matrix interference and the initial data were reported.

Sample	Analyte	Value
771804007 (LS-MW-26)	p-Terphenyl-d14	15* (20%-118%)

Sample (See Below) did not meet surrogate recovery criteria. The sample was re-extracted out of holding and confirmed the low surrogate recovery. The failure was attributed to sample matrix interference and the initial data were reported.

Sample	Analyte	Value
771804005 (LS-MW-01)	p-Terphenyl-d14	15* (20%-118%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be

poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435780 (LCS)	Benzaldehyde	25* (27%-111%)
	Hexachlorocyclopentadiene	30* (31%-64%)

Spike Recovery Statement
The MS or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. Because the recoveries were biased high and the target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	4-Nitrophenol	96* (9%-95%)
1206435784 (Non SDG 771903001MSD)	Phenol	83* (16%-74%)
	m, p-Cresols	110* (21%-105%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	Benzaldehyde	0* (16%-109%)
1206435784 (Non SDG 771903001MSD)	Benzaldehyde	15* (16%-109%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206435783MS and 1206435784MSD (Non SDG 771903001)	Benzaldehyde	RPD 200* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

LCMSMS-Misc

Product: **Extraction and Analysis of Per- and Polyfluoroalkyl (PFAS) Substances using LCMSMS by Method 1633/1633A**
Analytical Method: EPA 1633
Analytical Procedure: GL-OA-E-076D REV# 7
Analytical Batches: 2980639 and 2980636

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771804003	LS-MW-27
1206441131	Method Blank (MB) **Batch 2980639**
1206441132	Laboratory Control Sample (LCS)
1206441133	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Initial Calibration
Due to a software limitation, PFTrDA is quantitated using the average areas of the labeled compound 13C2-PFTeDA only.

CCV Requirements
Calibration verification standard (ICV or CCV) requirements have not been met for sample 771804003 (LS-MW-27) in this batch in this SDG. One or more target analytes failed acceptance criteria with a positive bias in the standards bracketing the samples in this SDG. These target analytes were not detected in the associated environmental samples; therefore, the non-compliance had no adverse effect on the data.

Miscellaneous Information

Manual Integrations
Sample required manual integrations in order to properly identify the peak for PFOSA. 771804003 (LS-MW-27).

Additional Comments
Total Suspended Solids (TSS) of 50 mg per sample are assessed by visual comparison.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2975545

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2975544

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771804001	LS-MW-25
771804002	LS-MW-25 Field Filtered
771804003	LS-MW-27
771804004	LS-MW-27 Field Filtered
771804005	LS-MW-01
771804006	LS-MW-01 Field Filtered
771804007	LS-MW-26
771804008	LS-MW-26 Field Filtered
771804009	LS-MW-16
771804010	LS-MW-16 Field Filtered
771804011	LS-MW-21
771804012	LS-MW-21 Field Filtered
1206432290	Method Blank (MB)**ICP Batch 2975545**
1206432291	Laboratory Control Sample (LCS)
1206432295	771804001(LS-MW-25L) Serial Dilution (SD)
1206432292	771804001(LS-MW-25S) Matrix Spike (MS)
1206432293	771804001(LS-MW-25SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of calcium within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 771804011 (LS-MW-21) and 771804012 (LS-MW-21 Field Filtered).

Analyte	771804	
	011	012
Calcium	5X	5X
Chromium	5X	5X
Selenium	5X	5X
Silver	5X	5X
Zinc	5X	5X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 2976547

Preparation Method: SW846 7470A Prep

Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2976539

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771804001	LS-MW-25
771804002	LS-MW-25 Field Filtered
771804003	LS-MW-27
771804004	LS-MW-27 Field Filtered
771804005	LS-MW-01
771804006	LS-MW-01 Field Filtered
771804007	LS-MW-26
771804008	LS-MW-26 Field Filtered
771804009	LS-MW-16
771804010	LS-MW-16 Field Filtered
771804011	LS-MW-21
771804012	LS-MW-21 Field Filtered
1206434207	Method Blank (MB)**CVAA Batch 2976547**
1206434208	Laboratory Control Sample (LCS)
1206434209	771808003(NonSDGD) Sample Duplicate (DUP)
1206434210	771808003(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2975254

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771804001	LS-MW-25
771804002	LS-MW-25 Field Filtered
771804003	LS-MW-27
771804004	LS-MW-27 Field Filtered
1206431805	Method Blank (MB) **Batch 2975254**
1206431806	Laboratory Control Sample (LCS)
1206431807	771579002(NonSDG) Sample Duplicate (DUP)
1206431808	771579002(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report

met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2975721

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771804005	LS-MW-01
771804006	LS-MW-01 Field Filtered
771804007	LS-MW-26
771804008	LS-MW-26 Field Filtered
771804009	LS-MW-16
771804010	LS-MW-16 Field Filtered
771804011	LS-MW-21
771804012	LS-MW-21 Field Filtered
1206432723	Method Blank (MB) **Batch 2975721**
1206432724	Laboratory Control Sample (LCS)
1206432725	771803002(LS-MW-04) Sample Duplicate (DUP)
1206432726	771803002(LS-MW-04) Matrix Spike (MS)
1206432727	771804009(LS-MW-16) Sample Duplicate (DUP)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

June 22, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 780734

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on June 08, 2026. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 780734 GEL Work Order: 780734

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

J Value is estimated

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-060826
Sample ID: 780734001
Matrix: Water
Collect Date: 08-JUN-26 08:30
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1428	3015279	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-060826 Project: RVDE00226C
Sample ID: 780734001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	54.3 ug/L	50.0	109	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	49.3 ug/L	50.0	99	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.7 ug/L	50.0	107	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-28D
Sample ID: 780734002
Matrix: Ground Water
Collect Date: 08-JUN-26 08:39
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1454	3015279	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	2.93	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		3.82	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-28D
Sample ID: 780734002
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.3 ug/L	50.0	99	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	47.7 ug/L	50.0	95	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.0 ug/L	50.0	94	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-20	Project:	RVDE00226C
Sample ID:	780734003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-JUN-26 09:20		
Receive Date:	08-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 7.49	2.50	7.49	ng/L	0.00991	1	JMB3	06/12/26	1718	3010454	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 7.61	2.54	7.61	ng/L	0.00991	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 7.43	2.48	7.43	ng/L	0.00991	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)		27.2	2.51	7.53	ng/L	0.00991	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.93	2.64	7.93	ng/L	0.00991	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 19.8	6.61	19.8	ng/L	0.00991	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 19.8	6.61	19.8	ng/L	0.00991	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 39.6	13.2	39.6	ng/L	0.00991	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 39.6	13.2	39.6	ng/L	0.00991	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.93	2.64	7.93	ng/L	0.00991	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 7.49	2.50	7.49	ng/L	0.00991	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 7.41	2.47	7.41	ng/L	0.00991	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.98	0.661	1.98	ng/L	0.00991	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)		2.33	0.661	1.98	ng/L	0.00991	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.98	0.661	1.98	ng/L	0.00991	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.98	0.661	1.98	ng/L	0.00991	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.96	1.32	3.96	ng/L	0.00991	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.53	1.18	3.53	ng/L	0.00991	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-20 Project: RVDE00226C
Sample ID: 780734003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.96	1.32	3.96	ng/L	0.00991	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.96	1.32	3.96	ng/L	0.00991	1					
Perfluorobutanoic acid (PFBA)		24.1	2.64	7.93	ng/L	0.00991	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.91	0.637	1.91	ng/L	0.00991	1					
Perfluorodecanoic acid (PFDA)		6.25	0.661	1.98	ng/L	0.00991	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.92	0.641	1.92	ng/L	0.00991	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.98	0.661	1.98	ng/L	0.00991	1					
Perfluoroheptane sulfonic acid (PFHpS)		2.34	0.629	1.89	ng/L	0.00991	1					
Perfluoroheptanoic acid (PFHpA)		16.7	0.661	1.98	ng/L	0.00991	1					
Perfluorohexane sulfonic acid (PFHxS)		33.2	0.604	1.81	ng/L	0.00991	1					
Perfluorohexanoic acid (PFHxA)		36.4	0.661	1.98	ng/L	0.00991	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.91	0.637	1.91	ng/L	0.00991	1					
Perfluorononanoic acid (PFNA)		7.93	0.661	1.98	ng/L	0.00991	1					
Perfluorooctane sulfonic acid (PFOS)		136	0.613	1.84	ng/L	0.00991	1					
Perfluorooctane sulfonamide (PFOSAm)		6.32	0.661	1.98	ng/L	0.00991	1					
Perfluorooctanoic acid (PFOA)		58.2	0.661	1.98	ng/L	0.00991	1					
Perfluoropentane sulfonic acid (PFPeS)		3.58	0.622	1.86	ng/L	0.00991	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.98	0.661	1.98	ng/L	0.00991	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.98	0.661	1.98	ng/L	0.00991	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.98	0.661	1.98	ng/L	0.00991	1					
Perfluoropentanoic acid (PFPeA)		29.6	3.30	9.91	ng/L	0.00991	5	JMB3	06/12/26	1702	3010454	2
Perfluorobutane sulfonic acid (PFBS)	U	< 17.6	5.86	17.6	ng/L	0.00991	10	JMB3	06/15/26	1221	3010454	3
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/17/26	1008	3012605	4

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-20 Project: RVDE00226C
Sample ID: 780734003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		850	68.0	200	ug/L	1.00	1	EM2	06/17/26	1954	3008924	5
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	9.61	5.00	30.0	ug/L	1.00	1					
Barium		220	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		79000	50.0	200	ug/L	1.00	1					
Chromium	J	4.49	1.00	10.0	ug/L	1.00	1					
Cobalt	J	3.40	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		33500	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		37400	110	300	ug/L	1.00	1					
Manganese		1190	2.00	10.0	ug/L	1.00	1					
Nickel		5.04	1.50	5.00	ug/L	1.00	1					
Potassium		92000	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		154000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		41.3	1.00	5.00	ug/L	1.00	1					
Zinc		30.1	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	3.00	10.0	ug/L	0.00100	1	NM1	06/12/26	1245	3009257	6
1,2,4,5-Tetrachlorobenzene	U	ND	3.00	10.0	ug/L	0.00100	1					
2,3,4,6-Tetrachlorophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
2,4,5-Trichlorophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
2,4,6-Trichlorophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
2,4-Dichlorophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
2,4-Dimethylphenol	U	ND	3.00	10.0	ug/L	0.00100	1					
2,4-Dinitrophenol	U	ND	5.00	20.0	ug/L	0.00100	1					
2,4-Dinitrotoluene	U	ND	3.00	10.0	ug/L	0.00100	1					
2,6-Dinitrotoluene	U	ND	3.00	10.0	ug/L	0.00100	1					
2-Chloronaphthalene	U	ND	0.410	1.00	ug/L	0.00100	1					
2-Chlorophenol	U	ND	3.00	10.0	ug/L	0.00100	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-20 Project: RVDE00226C
Sample ID: 780734003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
2-Methylnaphthalene		1.92	0.300	1.00	ug/L	0.00100	1					
2-Nitrophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
3,3'-Dichlorobenzidine	U	ND	3.00	10.0	ug/L	0.00100	1					
4-Bromophenylphenylether	U	ND	3.00	10.0	ug/L	0.00100	1					
4-Chloro-3-methylphenol	U	ND	3.00	10.0	ug/L	0.00100	1					
4-Chloroaniline	U	ND	3.30	10.0	ug/L	0.00100	1					
4-Chlorophenylphenylether	U	ND	3.00	10.0	ug/L	0.00100	1					
4-Nitrophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
Acenaphthene		2.56	0.300	1.00	ug/L	0.00100	1					
Acenaphthylene	U	ND	0.300	1.00	ug/L	0.00100	1					
Acetophenone	U	ND	3.00	10.0	ug/L	0.00100	1					
Anthracene	U	ND	0.300	1.00	ug/L	0.00100	1					
Atrazine	U	ND	3.00	10.0	ug/L	0.00100	1					
Benzaldehyde	U	ND	3.00	10.0	ug/L	0.00100	1					
Benzo(a)anthracene	U	ND	0.300	1.00	ug/L	0.00100	1					
Benzo(a)pyrene	U	ND	0.300	1.00	ug/L	0.00100	1					
Benzo(b)fluoranthene	U	ND	0.300	1.00	ug/L	0.00100	1					
Benzo(ghi)perylene	U	ND	0.300	1.00	ug/L	0.00100	1					
Benzo(k)fluoranthene	U	ND	0.300	1.00	ug/L	0.00100	1					
Butylbenzylphthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Carbazole	J	0.540	0.300	1.00	ug/L	0.00100	1					
Chrysene	U	ND	0.300	1.00	ug/L	0.00100	1					
Di-n-butylphthalate	J	0.320	0.300	1.00	ug/L	0.00100	1					
Di-n-octylphthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Dibenzo(a,h)anthracene	U	ND	0.300	1.00	ug/L	0.00100	1					
Dibenzofuran	U	ND	3.00	10.0	ug/L	0.00100	1					
Diethylphthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Dimethylphthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
Diphenylamine	U	ND	3.00	10.0	ug/L	0.00100	1					
Fluoranthene	U	ND	0.300	1.00	ug/L	0.00100	1					
Fluorene	J	0.920	0.300	1.00	ug/L	0.00100	1					
Hexachlorobenzene	U	ND	3.00	10.0	ug/L	0.00100	1					
Hexachlorobutadiene	U	ND	3.00	10.0	ug/L	0.00100	1					
Hexachlorocyclopentadiene	U	ND	3.00	10.0	ug/L	0.00100	1					
Hexachloroethane	U	ND	3.00	10.0	ug/L	0.00100	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-20 Project: RVDE00226C
Sample ID: 780734003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.300	1.00	ug/L	0.00100	1					
Isophorone	U	ND	3.50	10.0	ug/L	0.00100	1					
N-Nitrosodipropylamine	U	ND	3.00	10.0	ug/L	0.00100	1					
Naphthalene		2.22	0.300	1.00	ug/L	0.00100	1					
Nitrobenzene	U	ND	3.00	10.0	ug/L	0.00100	1					
Pentachlorophenol	U	ND	3.00	10.0	ug/L	0.00100	1					
Phenanthrene		1.33	0.300	1.00	ug/L	0.00100	1					
Phenol	U	ND	3.00	10.0	ug/L	0.00100	1					
Pyrene	U	ND	0.300	1.00	ug/L	0.00100	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Chloroethoxy)methane	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Chloroethyl) ether	U	ND	3.00	10.0	ug/L	0.00100	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.300	1.00	ug/L	0.00100	1					
m,p-Cresols	U	ND	3.70	10.0	ug/L	0.00100	1					
m-Nitroaniline	U	ND	3.00	10.0	ug/L	0.00100	1					
o-Cresol	U	ND	3.00	10.0	ug/L	0.00100	1					
o-Nitroaniline	U	ND	3.00	10.0	ug/L	0.00100	1					
p-Nitroaniline	U	ND	3.00	10.0	ug/L	0.00100	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium		0.0108	0.00300	0.0100	mg/L		1	BR2	06/09/26	0913	3008402	7
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1521	3015279	8
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-20 Project: RVDE00226C
Sample ID: 780734003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	J	3.79	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		22.0	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		1.87	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	1.25	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	J	0.460	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-20 Project: RVDE00226C
Sample ID: 780734003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	06/11/26	1400	3009253
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923
EPA 1633	PFAS Extraction in Liquid - Refrigerated	SR2	06/11/26	1652	3010448
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/16/26	1215	3012604

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	EPA 1633	
3	EPA 1633	
4	SW846 7470A	
5	SW846 3005A/6010D	
6	SW846 3510C/8270E	
7	SW846 7196A	
8	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	43.8 ug/L	100	44	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.1 ug/L	100	15	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	19.9 ug/L	100	20	(15%-72%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	22.7 ug/L	50.0	45	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	22.6 ug/L	50.0	45	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	17.2 ug/L	50.0	34	(20%-118%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.3 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	47.0 ug/L	50.0	94	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-20	Project:	RVDE00226C
Sample ID:	780734003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-20 Dissolved
Sample ID: 780734004
Matrix: Ground Water
Collect Date: 08-JUN-26 09:20
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1034	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		413	68.0	200	ug/L	1.00	1	EM2	06/17/26	2007	3008924	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.86	5.00	30.0	ug/L	1.00	1					
Barium		131	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		52700	50.0	200	ug/L	1.00	1					
Chromium	J	1.87	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		11600	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		24100	110	300	ug/L	1.00	1					
Manganese		462	2.00	10.0	ug/L	1.00	1					
Nickel	J	4.73	1.50	5.00	ug/L	1.00	1					
Potassium		58900	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		94000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		39.0	1.00	5.00	ug/L	1.00	1					
Zinc	J	10.3	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00302	0.00300	0.0100	mg/L		1	BR2	06/09/26	0913	3008402	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-20 Dissolved	Project:	RVDE00226C
Sample ID:	780734004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-17	Project:	RVDE00226C
Sample ID:	780734005	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-JUN-26 10:12		
Receive Date:	08-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 7.24	2.41	7.24	ng/L	0.00958	1	JMB3	06/12/26	1838	3010454	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 7.35	2.45	7.35	ng/L	0.00958	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 7.18	2.39	7.18	ng/L	0.00958	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)		72.1	2.43	7.28	ng/L	0.00958	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)		17.9	2.55	7.66	ng/L	0.00958	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 19.2	6.38	19.2	ng/L	0.00958	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 19.2	6.38	19.2	ng/L	0.00958	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 38.3	12.8	38.3	ng/L	0.00958	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 38.3	12.8	38.3	ng/L	0.00958	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.66	2.55	7.66	ng/L	0.00958	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 7.24	2.41	7.24	ng/L	0.00958	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 7.16	2.39	7.16	ng/L	0.00958	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.83	1.28	3.83	ng/L	0.00958	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.41	1.14	3.41	ng/L	0.00958	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-17 Project: RVDE00226C
Sample ID: 780734005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.83	1.28	3.83	ng/L	0.00958	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.83	1.28	3.83	ng/L	0.00958	1					
Perfluorobutanoic acid (PFBA)		31.4	2.55	7.66	ng/L	0.00958	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.85	0.616	1.85	ng/L	0.00958	1					
Perfluorodecanoic acid (PFDA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.86	0.619	1.86	ng/L	0.00958	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.83	0.608	1.83	ng/L	0.00958	1					
Perfluoroheptanoic acid (PFHpA)		14.3	0.638	1.92	ng/L	0.00958	1					
Perfluorohexane sulfonic acid (PFHxS)		18.4	0.583	1.75	ng/L	0.00958	1					
Perfluorohexanoic acid (PFHxA)		56.3	0.638	1.92	ng/L	0.00958	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.84	0.616	1.84	ng/L	0.00958	1					
Perfluorooctane sulfonic acid (PFOS)		34.3	0.592	1.78	ng/L	0.00958	1					
Perfluorooctanoic acid (PFOA)		62.1	0.638	1.92	ng/L	0.00958	1					
Perfluoropentane sulfonic acid (PFPeS)		5.74	0.601	1.80	ng/L	0.00958	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.92	0.638	1.92	ng/L	0.00958	1					
Perfluorobutane sulfonic acid (PFBS)	U	< 8.49	2.83	8.49	ng/L	0.00958	5	JMB3	06/12/26	1822	3010454	2
Perfluorononanoic acid (PFNA)	U	< 9.58	3.19	9.58	ng/L	0.00958	5					
Perfluorooctane sulfonamide (PFOSAm)	U	< 9.58	3.19	9.58	ng/L	0.00958	5					
Perfluoropentanoic acid (PFPeA)		23.5	3.19	9.58	ng/L	0.00958	5					
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1036	3009278	3

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-17	Project:	RVDE00226C
Sample ID:	780734005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		587	68.0	200	ug/L	1.00	1	EM2	06/17/26	2009	3008924	4
Antimony	J	8.01	3.50	20.0	ug/L	1.00	1					
Arsenic	J	13.4	5.00	30.0	ug/L	1.00	1					
Barium		27.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		30100	50.0	200	ug/L	1.00	1					
Chromium	J	3.05	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	12.6	3.00	20.0	ug/L	1.00	1					
Iron		921	30.0	100	ug/L	1.00	1					
Lead	J	14.6	3.30	20.0	ug/L	1.00	1					
Magnesium		5030	110	300	ug/L	1.00	1					
Manganese		33.4	2.00	10.0	ug/L	1.00	1					
Nickel	J	2.41	1.50	5.00	ug/L	1.00	1					
Potassium		15400	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		132000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		134	1.00	5.00	ug/L	1.00	1					
Zinc		79.8	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.39	ug/L	0.000939	1	NM1	06/12/26	1355	3009257	5
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.39	ug/L	0.000939	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
2,4,6-Trichlorophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
2,4-Dichlorophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
2,4-Dimethylphenol	U	ND	2.82	9.39	ug/L	0.000939	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000939	1					
2,4-Dinitrotoluene	U	ND	2.82	9.39	ug/L	0.000939	1					
2,6-Dinitrotoluene	U	ND	2.82	9.39	ug/L	0.000939	1					
2-Chloronaphthalene	U	ND	0.385	0.939	ug/L	0.000939	1					
2-Chlorophenol	U	ND	2.82	9.39	ug/L	0.000939	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-17	Project:	RVDE00226C
Sample ID:	780734005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
2-Methylnaphthalene	U	ND	0.282	0.939	ug/L	0.000939	1					
2-Nitrophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.39	ug/L	0.000939	1					
4-Bromophenylphenylether	U	ND	2.82	9.39	ug/L	0.000939	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.39	ug/L	0.000939	1					
4-Chloroaniline	U	ND	3.10	9.39	ug/L	0.000939	1					
4-Chlorophenylphenylether	U	ND	2.82	9.39	ug/L	0.000939	1					
4-Nitrophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
Acenaphthene	U	ND	0.282	0.939	ug/L	0.000939	1					
Acenaphthylene	U	ND	0.282	0.939	ug/L	0.000939	1					
Acetophenone	U	ND	2.82	9.39	ug/L	0.000939	1					
Anthracene	U	ND	0.282	0.939	ug/L	0.000939	1					
Atrazine	U	ND	2.82	9.39	ug/L	0.000939	1					
Benzaldehyde	U	ND	2.82	9.39	ug/L	0.000939	1					
Benzo(a)anthracene	U	ND	0.282	0.939	ug/L	0.000939	1					
Benzo(a)pyrene	U	ND	0.282	0.939	ug/L	0.000939	1					
Benzo(b)fluoranthene	U	ND	0.282	0.939	ug/L	0.000939	1					
Benzo(ghi)perylene	U	ND	0.282	0.939	ug/L	0.000939	1					
Benzo(k)fluoranthene	U	ND	0.282	0.939	ug/L	0.000939	1					
Butylbenzylphthalate	U	ND	0.282	0.939	ug/L	0.000939	1					
Carbazole	U	ND	0.282	0.939	ug/L	0.000939	1					
Chrysene	U	ND	0.282	0.939	ug/L	0.000939	1					
Di-n-butylphthalate	U	ND	0.282	0.939	ug/L	0.000939	1					
Di-n-octylphthalate	U	ND	0.282	0.939	ug/L	0.000939	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.939	ug/L	0.000939	1					
Dibenzofuran	U	ND	2.82	9.39	ug/L	0.000939	1					
Diethylphthalate	U	ND	0.282	0.939	ug/L	0.000939	1					
Dimethylphthalate	U	ND	0.282	0.939	ug/L	0.000939	1					
Diphenylamine	U	ND	2.82	9.39	ug/L	0.000939	1					
Fluoranthene	U	ND	0.282	0.939	ug/L	0.000939	1					
Fluorene	U	ND	0.282	0.939	ug/L	0.000939	1					
Hexachlorobenzene	U	ND	2.82	9.39	ug/L	0.000939	1					
Hexachlorobutadiene	U	ND	2.82	9.39	ug/L	0.000939	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.39	ug/L	0.000939	1					
Hexachloroethane	U	ND	2.82	9.39	ug/L	0.000939	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-17 Project: RVDE00226C
Sample ID: 780734005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.939	ug/L	0.000939	1					
Isophorone	U	ND	3.29	9.39	ug/L	0.000939	1					
N-Nitrosodipropylamine	U	ND	2.82	9.39	ug/L	0.000939	1					
Naphthalene	U	ND	0.282	0.939	ug/L	0.000939	1					
Nitrobenzene	U	ND	2.82	9.39	ug/L	0.000939	1					
Pentachlorophenol	U	ND	2.82	9.39	ug/L	0.000939	1					
Phenanthrene	U	ND	0.282	0.939	ug/L	0.000939	1					
Phenol	U	ND	2.82	9.39	ug/L	0.000939	1					
Pyrene	U	ND	0.282	0.939	ug/L	0.000939	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.39	ug/L	0.000939	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.39	ug/L	0.000939	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.39	ug/L	0.000939	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.939	ug/L	0.000939	1					
m,p-Cresols	U	ND	3.47	9.39	ug/L	0.000939	1					
m-Nitroaniline	U	ND	2.82	9.39	ug/L	0.000939	1					
o-Cresol	U	ND	2.82	9.39	ug/L	0.000939	1					
o-Nitroaniline	U	ND	2.82	9.39	ug/L	0.000939	1					
p-Nitroaniline	U	ND	2.82	9.39	ug/L	0.000939	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0913	3008402	6
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1547	3015279	7
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-17
Sample ID: 780734005
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		12.1	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		3.44	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.770	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-17 Project: RVDE00226C
Sample ID: 780734005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	06/11/26	1400	3009253
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923
EPA 1633	PFAS Extraction in Liquid - Refrigerated	SR2	06/11/26	1652	3010448
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	06/17/26	1304	3013336

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	EPA 1633	
3	SW846 7470A	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	16.3 ug/L	47.0	35	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	16.0 ug/L	47.0	34	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	14.0 ug/L	47.0	30	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	36.8 ug/L	93.9	39	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	11.0 ug/L	93.9	12*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	16.6 ug/L	93.9	18	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	47.1 ug/L	50.0	94	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	47.4 ug/L	50.0	95	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.4 ug/L	50.0	95	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-17	Project:	RVDE00226C
Sample ID:	780734005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-17 Dissolved
Sample ID: 780734006
Matrix: Ground Water
Collect Date: 08-JUN-26 10:12
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1037	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1540	68.0	200	ug/L	1.00	1	EM2	06/17/26	2018	3008924	2
Antimony	J	16.7	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.29	5.00	30.0	ug/L	1.00	1					
Barium		41.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		48800	50.0	200	ug/L	1.00	1					
Chromium	J	2.20	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	9.78	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		1250	110	300	ug/L	1.00	1					
Manganese	U	ND	2.00	10.0	ug/L	1.00	1					
Nickel	J	3.20	1.50	5.00	ug/L	1.00	1					
Potassium		32900	50.0	250	ug/L	1.00	1					
Selenium	J	10.5	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		111000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		164	1.00	5.00	ug/L	1.00	1					
Zinc	J	11.5	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0913	3008402	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-17 Dissolved	Project:	RVDE00226C
Sample ID:	780734006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-18	Project:	RVDE00226C
Sample ID:	780734007	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-JUN-26 11:03		
Receive Date:	08-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	06/16/26	1159	3008547	1
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1039	3009278	2
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		211	68.0	200	ug/L	1.00	1	EM2	06/17/26	2021	3008924	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	26.6	5.00	30.0	ug/L	1.00	1					
Barium		28.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		26900	50.0	200	ug/L	1.00	1					
Chromium	J	1.56	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		7110	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5880	110	300	ug/L	1.00	1					
Manganese		197	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		15900	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		93900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.46	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.90	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.40	ug/L	0.000940	1	NM1	06/12/26	1416	3009257	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-18	Project:	RVDE00226C
Sample ID:	780734007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4,6-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dimethylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000940	1					
2,4-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,6-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Chloronaphthalene	U	ND	0.385	0.940	ug/L	0.000940	1					
2-Chlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methylnaphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
2-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Bromophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloroaniline	U	ND	3.10	9.40	ug/L	0.000940	1					
4-Chlorophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Acenaphthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acenaphthylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acetophenone	U	ND	2.82	9.40	ug/L	0.000940	1					
Anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Atrazine	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzaldehyde	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzo(a)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(a)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(b)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(ghi)perylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(k)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Butylbenzylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Carbazole	U	ND	0.282	0.940	ug/L	0.000940	1					
Chrysene	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-butylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-octylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzofuran	U	ND	2.82	9.40	ug/L	0.000940	1					
Diethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-18 Project: RVDE00226C
Sample ID: 780734007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Dimethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Diphenylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Fluorene	U	ND	0.282	0.940	ug/L	0.000940	1					
Hexachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorobutadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachloroethane	U	ND	2.82	9.40	ug/L	0.000940	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Isophorone	U	ND	3.29	9.40	ug/L	0.000940	1					
N-Nitrosodipropylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Naphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
Nitrobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Pentachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Phenanthrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Phenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
m,p-Cresols	U	ND	3.48	9.40	ug/L	0.000940	1					
m-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Cresol	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
p-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0313	0.0939	ug/L	0.000939	1	JXM	06/10/26	1503	3008550	5
Aroclor-1221	U	ND	0.0313	0.0939	ug/L	0.000939	1					
Aroclor-1232	U	ND	0.0313	0.0939	ug/L	0.000939	1					
Aroclor-1242	U	ND	0.0313	0.0939	ug/L	0.000939	1					
Aroclor-1248	U	ND	0.0313	0.0939	ug/L	0.000939	1					
Aroclor-1254	U	ND	0.0313	0.0939	ug/L	0.000939	1					
Aroclor-1260	U	ND	0.0313	0.0939	ug/L	0.000939	1					
Aroclor-1262	U	ND	0.0313	0.0939	ug/L	0.000939	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-18 Project: RVDE00226C
Sample ID: 780734007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1268	U	ND	0.0313	0.0939	ug/L	0.000939	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00937	0.0375	ug/L	0.00468	1	YS1	06/15/26	0901	3010513	7
4,4'-DDE	U	ND	0.00937	0.0375	ug/L	0.00468	1					
4,4'-DDT	U	ND	0.00937	0.0375	ug/L	0.00468	1					
Aldrin	U	ND	0.00623	0.0187	ug/L	0.00468	1					
Dieldrin	U	ND	0.00937	0.0375	ug/L	0.00468	1					
Endosulfan I	U	ND	0.00623	0.0187	ug/L	0.00468	1					
Endosulfan II	U	ND	0.00937	0.0375	ug/L	0.00468	1					
Endosulfan sulfate	U	ND	0.00937	0.0375	ug/L	0.00468	1					
Endrin	U	ND	0.00937	0.0375	ug/L	0.00468	1					
Endrin aldehyde	U	ND	0.00623	0.0375	ug/L	0.00468	1					
Endrin ketone	U	ND	0.00937	0.0375	ug/L	0.00468	1					
Heptachlor	U	ND	0.00623	0.0187	ug/L	0.00468	1					
Heptachlor epoxide	U	ND	0.00623	0.0187	ug/L	0.00468	1					
Methoxychlor	U	ND	0.0468	0.187	ug/L	0.00468	1					
Toxaphene	U	ND	0.141	0.468	ug/L	0.00468	1					
alpha-BHC	U	ND	0.00623	0.0187	ug/L	0.00468	1					
beta-BHC	U	ND	0.00623	0.0187	ug/L	0.00468	1					
cis-Chlordane	U	ND	0.00623	0.0187	ug/L	0.00468	1					
delta-BHC	U	ND	0.00623	0.0187	ug/L	0.00468	1					
gamma-BHC (Lindane)	U	ND	0.00623	0.0187	ug/L	0.00468	1					
trans-Chlordane	U	ND	0.00623	0.0187	ug/L	0.00468	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0913	3008402	8
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1613	3015279	9
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-18 Project: RVDE00226C
Sample ID: 780734007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	4.65	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-18 Project: RVDE00226C
Sample ID: 780734007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	J	0.520	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3535A	SW3535A Pesticides SPE Extraction	AE2	06/10/26	1316	3008916
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923
SW846 3535A	SW3535A PCB SPE Extraction	DG3	06/10/26	0721	3008549
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	06/17/26	1304	3013336
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	06/11/26	1400	3009253
SW846 3535A	SW3535A Pesticides SPE Extraction	DXF4	06/12/26	0529	3010511
SW846 9010C Distillation	SW846 9010C Prep	EG3	06/15/26	1630	3008546

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 3535A/8082A	
6	SW846 3535A/8081B	
7	SW846 3535A/8081B	
8	SW846 7196A	
9	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-18 Project: RVDE00226C
Sample ID: 780734007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Surrogate/Tracer Recovery	Test				Result	Nominal		Recovery%				Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"				18.0 ug/L	47.0		38				(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"				19.3 ug/L	47.0		41				(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"				10.2 ug/L	47.0		22				(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"				42.6 ug/L	94.0		45				(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"				12.8 ug/L	94.0		14*				(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"				18.6 ug/L	94.0		20				(15%-72%)
Decachlorobiphenyl	SW846 3535A/8082A TCL PCB, Liquid "As Received"				0.0814 ug/L	0.188		43				(30%-135%)
4cmx	SW846 3535A/8082A TCL PCB, Liquid "As Received"				0.130 ug/L	0.188		69				(28%-114%)
Decachlorobiphenyl	SW846 3535A/8081B TCL Pesticide, Liquid "As Received"				0.542 ug/L	0.937		58				(43%-140%)
4cmx	SW846 3535A/8081B TCL Pesticide, Liquid "As Received"				0.632 ug/L	0.937		67				(29%-119%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"				49.0 ug/L	50.0		98				(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"				47.8 ug/L	50.0		96				(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"				50.0 ug/L	50.0		100				(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-18 Dissolved
Sample ID: 780734008
Matrix: Ground Water
Collect Date: 08-JUN-26 11:03
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1041	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	06/17/26	2024	3008924	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic		30.8	5.00	30.0	ug/L	1.00	1					
Barium		14.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		26200	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		4400	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5760	110	300	ug/L	1.00	1					
Manganese		188	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		15800	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		94100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.13	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0913	3008402	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-18 Dissolved	Project:	RVDE00226C
Sample ID:	780734008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-19	Project:	RVDE00226C
Sample ID:	780734009	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-JUN-26 11:49		
Receive Date:	08-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 7.01	2.34	7.01	ng/L	0.00927	1	JMB3	06/12/26	1926	3010454	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 7.12	2.37	7.12	ng/L	0.00927	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.95	2.32	6.95	ng/L	0.00927	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 7.05	2.35	7.05	ng/L	0.00927	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.42	2.47	7.42	ng/L	0.00927	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 18.5	6.18	18.5	ng/L	0.00927	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 18.5	6.18	18.5	ng/L	0.00927	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 37.1	12.4	37.1	ng/L	0.00927	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 37.1	12.4	37.1	ng/L	0.00927	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.42	2.47	7.42	ng/L	0.00927	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 7.01	2.34	7.01	ng/L	0.00927	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.93	2.31	6.93	ng/L	0.00927	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)		2.65	0.618	1.85	ng/L	0.00927	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.71	1.24	3.71	ng/L	0.00927	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.30	1.10	3.30	ng/L	0.00927	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-19 Project: RVDE00226C
Sample ID: 780734009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.71	1.24	3.71	ng/L	0.00927	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.71	1.24	3.71	ng/L	0.00927	1					
Perfluorobutanoic acid (PFBA)		13.4	2.47	7.42	ng/L	0.00927	1					
Perfluorodecane sulfonic acid (PFDS)		4.77	0.596	1.79	ng/L	0.00927	1					
Perfluorodecanoic acid (PFDA)		3.04	0.618	1.85	ng/L	0.00927	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.80	0.600	1.80	ng/L	0.00927	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.77	0.589	1.77	ng/L	0.00927	1					
Perfluoroheptanoic acid (PFHpA)		2.93	0.618	1.85	ng/L	0.00927	1					
Perfluorohexane sulfonic acid (PFHxS)		16.2	0.565	1.69	ng/L	0.00927	1					
Perfluorohexanoic acid (PFHxA)		11.5	0.618	1.85	ng/L	0.00927	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.78	0.596	1.78	ng/L	0.00927	1					
Perfluorononanoic acid (PFNA)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
Perfluorooctane sulfonic acid (PFOS)		42.6	0.574	1.72	ng/L	0.00927	1					
Perfluorooctane sulfonamide (PFOSAm)		2.16	0.618	1.85	ng/L	0.00927	1					
Perfluorooctanoic acid (PFOA)		13.8	0.618	1.85	ng/L	0.00927	1					
Perfluoropentane sulfonic acid (PFPeS)		2.89	0.582	1.74	ng/L	0.00927	1					
Perfluoropentanoic acid (PFPeA)		4.49	0.618	1.85	ng/L	0.00927	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.85	0.618	1.85	ng/L	0.00927	1					
Perfluorobutane sulfonic acid (PFBS)	U	< 8.22	2.74	8.22	ng/L	0.00927	5	JMB3	06/12/26	1910	3010454	2
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.159	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1042	3009278	3

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-19 Project: RVDE00226C
Sample ID: 780734009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		250000	680	2000	ug/L	10.0	1	EM2	06/17/26	2026	3008924	4
Antimony	U	ND	35.0	200	ug/L	10.0	1					
Arsenic	J	61.5	50.0	300	ug/L	10.0	1					
Barium		342	10.0	50.0	ug/L	10.0	1					
Beryllium	U	ND	10.0	50.0	ug/L	10.0	1					
Cadmium	U	ND	10.0	50.0	ug/L	10.0	1					
Calcium		5450	500	2000	ug/L	10.0	1					
Chromium		165	10.0	100	ug/L	10.0	1					
Cobalt	J	20.5	10.0	50.0	ug/L	10.0	1					
Copper	U	ND	30.0	200	ug/L	10.0	1					
Iron		106000	300	1000	ug/L	10.0	1					
Lead	J	65.6	33.0	200	ug/L	10.0	1					
Magnesium		5420	1100	3000	ug/L	10.0	1					
Manganese		259	20.0	100	ug/L	10.0	1					
Nickel		64.1	15.0	50.0	ug/L	10.0	1					
Potassium		5120	500	2500	ug/L	10.0	1					
Selenium	U	ND	60.0	300	ug/L	10.0	1					
Silver	U	ND	10.0	50.0	ug/L	10.0	1					
Sodium		180000	1000	3000	ug/L	10.0	1					
Thallium	U	ND	50.0	200	ug/L	10.0	1					
Vanadium		266	10.0	50.0	ug/L	10.0	1					
Zinc	J	187	33.0	200	ug/L	10.0	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.40	ug/L	0.000940	1	NM1	06/12/26	1437	3009257	5
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,6-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dimethylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000940	1					
2,4-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,6-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Chloronaphthalene	U	ND	0.385	0.940	ug/L	0.000940	1					
2-Chlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-19	Project:	RVDE00226C
Sample ID:	780734009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methylnaphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
2-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Bromophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloroaniline	U	ND	3.10	9.40	ug/L	0.000940	1					
4-Chlorophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Acenaphthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acenaphthylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acetophenone	U	ND	2.82	9.40	ug/L	0.000940	1					
Anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Atrazine	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzaldehyde	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzo(a)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(a)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(b)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(ghi)perylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(k)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Butylbenzylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Carbazole	U	ND	0.282	0.940	ug/L	0.000940	1					
Chrysene	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-butylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-octylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzofuran	U	ND	2.82	9.40	ug/L	0.000940	1					
Diethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dimethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Diphenylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Fluorene	U	ND	0.282	0.940	ug/L	0.000940	1					
Hexachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorobutadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachloroethane	U	ND	2.82	9.40	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-19 Project: RVDE00226C
Sample ID: 780734009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Isophorone	U	ND	3.29	9.40	ug/L	0.000940	1					
N-Nitrosodipropylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Naphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
Nitrobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Pentachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Phenanthrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Phenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
m,p-Cresols	U	ND	3.48	9.40	ug/L	0.000940	1					
m-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Cresol	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
p-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.150	0.500	mg/L		50	BR2	06/09/26	0913	3008402	6
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1640	3015279	7
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-19 Project: RVDE00226C
Sample ID: 780734009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		5.68	1.74	5.00	ug/L		1					
Benzene		1.12	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene		1.14	0.333	1.00	ug/L		1					
Isopropylbenzene		3.39	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	J	0.550	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-19 Project: RVDE00226C
Sample ID: 780734009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	06/11/26	1400	3009253
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	06/17/26	1304	3013336
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
EPA 1633	PFAS Extraction in Liquid - Refrigerated	SR2	06/11/26	1652	3010448

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	EPA 1633	
3	SW846 7470A	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	20.1 ug/L	47.0	43	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	16.8 ug/L	47.0	36	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	8.33 ug/L	47.0	18*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	40.9 ug/L	94.0	43	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	12.7 ug/L	94.0	13*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	17.3 ug/L	94.0	18	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.7 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	49.5 ug/L	50.0	99	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.7 ug/L	50.0	99	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-19	Project:	RVDE00226C
Sample ID:	780734009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-19 Dissolved
Sample ID: 780734010
Matrix: Ground Water
Collect Date: 08-JUN-26 11:49
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1044	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1520	68.0	200	ug/L	1.00	1	EM2	06/17/26	2029	3008924	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	17.1	5.00	30.0	ug/L	1.00	1					
Barium		6.18	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		770	50.0	200	ug/L	1.00	1					
Chromium	J	3.45	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		1970	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium	U	ND	110	300	ug/L	1.00	1					
Manganese	J	5.21	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		1030	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		157000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		23.8	1.00	5.00	ug/L	1.00	1					
Zinc	U	ND	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0913	3008402	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-19 Dissolved	Project:	RVDE00226C
Sample ID:	780734010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-08	Project:	RVDE00226C
Sample ID:	780734011	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-JUN-26 12:40		
Receive Date:	08-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0950	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1045	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		69900	680	2000	ug/L	10.0	1	EM2	06/17/26	2033	3008924	2
Antimony	U	ND	35.0	200	ug/L	10.0	1					
Arsenic	U	ND	50.0	300	ug/L	10.0	1					
Barium		227	10.0	50.0	ug/L	10.0	1					
Beryllium	U	ND	10.0	50.0	ug/L	10.0	1					
Cadmium	U	ND	10.0	50.0	ug/L	10.0	1					
Calcium		43800	500	2000	ug/L	10.0	1					
Chromium	J	95.9	10.0	100	ug/L	10.0	1					
Cobalt	U	ND	10.0	50.0	ug/L	10.0	1					
Copper	J	72.0	30.0	200	ug/L	10.0	1					
Iron		55400	300	1000	ug/L	10.0	1					
Lead		274	33.0	200	ug/L	10.0	1					
Magnesium		14400	1100	3000	ug/L	10.0	1					
Manganese		432	20.0	100	ug/L	10.0	1					
Nickel	U	ND	15.0	50.0	ug/L	10.0	1					
Potassium		20500	500	2500	ug/L	10.0	1					
Selenium	U	ND	60.0	300	ug/L	10.0	1					
Silver	U	ND	10.0	50.0	ug/L	10.0	1					
Sodium		69700	1000	3000	ug/L	10.0	1					
Thallium	U	ND	50.0	200	ug/L	10.0	1					
Vanadium		134	10.0	50.0	ug/L	10.0	1					
Zinc		627	33.0	200	ug/L	10.0	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.81	9.37	ug/L	0.000937	1	NM1	06/12/26	1458	3009257	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.81	9.37	ug/L	0.000937	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4,5-Trichlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4,6-Trichlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4-Dichlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4-Dimethylphenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2,4-Dinitrophenol	U	ND	4.69	18.7	ug/L	0.000937	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-08 Project: RVDE00226C
Sample ID: 780734011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.81	9.37	ug/L	0.000937	1					
2,6-Dinitrotoluene	U	ND	2.81	9.37	ug/L	0.000937	1					
2-Chloronaphthalene	U	ND	0.384	0.937	ug/L	0.000937	1					
2-Chlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
2-Methylnaphthalene	U	ND	0.281	0.937	ug/L	0.000937	1					
2-Nitrophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
3,3'-Dichlorobenzidine	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Bromophenylphenylether	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Chloro-3-methylphenol	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Chloroaniline	U	ND	3.09	9.37	ug/L	0.000937	1					
4-Chlorophenylphenylether	U	ND	2.81	9.37	ug/L	0.000937	1					
4-Nitrophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
Acenaphthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Acenaphthylene	U	ND	0.281	0.937	ug/L	0.000937	1					
Acetophenone	U	ND	2.81	9.37	ug/L	0.000937	1					
Anthracene	U	ND	0.281	0.937	ug/L	0.000937	1					
Atrazine	U	ND	2.81	9.37	ug/L	0.000937	1					
Benzaldehyde	U	ND	2.81	9.37	ug/L	0.000937	1					
Benzo(a)anthracene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(a)pyrene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(b)fluoranthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(ghi)perylene	U	ND	0.281	0.937	ug/L	0.000937	1					
Benzo(k)fluoranthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Butylbenzylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Carbazole	U	ND	0.281	0.937	ug/L	0.000937	1					
Chrysene	U	ND	0.281	0.937	ug/L	0.000937	1					
Di-n-butylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Di-n-octylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Dibenzo(a,h)anthracene	U	ND	0.281	0.937	ug/L	0.000937	1					
Dibenzofuran	U	ND	2.81	9.37	ug/L	0.000937	1					
Diethylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Dimethylphthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
Diphenylamine	U	ND	2.81	9.37	ug/L	0.000937	1					
Fluoranthene	U	ND	0.281	0.937	ug/L	0.000937	1					
Fluorene	U	ND	0.281	0.937	ug/L	0.000937	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-08 Project: RVDE00226C
Sample ID: 780734011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.81	9.37	ug/L	0.000937	1					
Hexachlorobutadiene	U	ND	2.81	9.37	ug/L	0.000937	1					
Hexachlorocyclopentadiene	U	ND	2.81	9.37	ug/L	0.000937	1					
Hexachloroethane	U	ND	2.81	9.37	ug/L	0.000937	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.281	0.937	ug/L	0.000937	1					
Isophorone	U	ND	3.28	9.37	ug/L	0.000937	1					
N-Nitrosodipropylamine	U	ND	2.81	9.37	ug/L	0.000937	1					
Naphthalene	U	ND	0.281	0.937	ug/L	0.000937	1					
Nitrobenzene	U	ND	2.81	9.37	ug/L	0.000937	1					
Pentachlorophenol	U	ND	2.81	9.37	ug/L	0.000937	1					
Phenanthrene	U	ND	0.281	0.937	ug/L	0.000937	1					
Phenol	U	ND	2.81	9.37	ug/L	0.000937	1					
Pyrene	U	ND	0.281	0.937	ug/L	0.000937	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.81	9.37	ug/L	0.000937	1					
bis(2-Chloroethoxy)methane	U	ND	2.81	9.37	ug/L	0.000937	1					
bis(2-Chloroethyl) ether	U	ND	2.81	9.37	ug/L	0.000937	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.281	0.937	ug/L	0.000937	1					
m,p-Cresols	U	ND	3.47	9.37	ug/L	0.000937	1					
m-Nitroaniline	U	ND	2.81	9.37	ug/L	0.000937	1					
o-Cresol	U	ND	2.81	9.37	ug/L	0.000937	1					
o-Nitroaniline	U	ND	2.81	9.37	ug/L	0.000937	1					
p-Nitroaniline	U	ND	2.81	9.37	ug/L	0.000937	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0600	0.200	mg/L		20	BR2	06/09/26	0914	3008402	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1706	3015279	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-08 Project: RVDE00226C
Sample ID: 780734011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		21.7	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		22.7	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-08 Project: RVDE00226C
Sample ID: 780734011 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	06/11/26	1400	3009253
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	06/17/26	1304	3013336

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	13.9 ug/L	46.9	30*	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	8.57 ug/L	46.9	18*	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	4.91 ug/L	46.9	10*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	31.5 ug/L	93.7	34	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	9.69 ug/L	93.7	10*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	13.1 ug/L	93.7	14*	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.7 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	47.1 ug/L	50.0	94	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	51.7 ug/L	50.0	103	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-08	Project:	RVDE00226C
Sample ID:	780734011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-08 Dissolved
Sample ID: 780734012
Matrix: Ground Water
Collect Date: 08-JUN-26 12:40
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1047	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	06/17/26	2036	3008924	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		49.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		29700	50.0	200	ug/L	1.00	1					
Chromium	J	4.77	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	81.4	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7550	110	300	ug/L	1.00	1					
Manganese		25.2	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		19600	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		63100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.12	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.56	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0914	3008402	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-08 Dissolved	Project:	RVDE00226C
Sample ID:	780734012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-03	Project:	RVDE00226C
Sample ID:	780734013	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-JUN-26 13:25		
Receive Date:	08-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1049	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1890	68.0	200	ug/L	1.00	1	EM2	06/17/26	2040	3008924	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	5.80	5.00	30.0	ug/L	1.00	1					
Barium		55.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		71100	50.0	200	ug/L	1.00	1					
Chromium	J	3.38	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		3690	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		2500	110	300	ug/L	1.00	1					
Manganese		31.2	2.00	10.0	ug/L	1.00	1					
Nickel	J	2.29	1.50	5.00	ug/L	1.00	1					
Potassium		28400	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		127000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		9.92	1.00	5.00	ug/L	1.00	1					
Zinc	J	16.4	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.40	ug/L	0.000940	1	NM1	06/12/26	1519	3009257	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,6-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dimethylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-03	Project:	RVDE00226C
Sample ID:	780734013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,6-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Chloronaphthalene	U	ND	0.385	0.940	ug/L	0.000940	1					
2-Chlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methylnaphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
2-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Bromophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloroaniline	U	ND	3.10	9.40	ug/L	0.000940	1					
4-Chlorophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Acenaphthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acenaphthylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acetophenone	U	ND	2.82	9.40	ug/L	0.000940	1					
Anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Atrazine	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzaldehyde	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzo(a)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(a)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(b)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(ghi)perylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(k)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Butylbenzylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Carbazole	U	ND	0.282	0.940	ug/L	0.000940	1					
Chrysene	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-butylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-octylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzofuran	U	ND	2.82	9.40	ug/L	0.000940	1					
Diethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dimethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Diphenylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Fluorene	U	ND	0.282	0.940	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-03 Project: RVDE00226C
Sample ID: 780734013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorobutadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachloroethane	U	ND	2.82	9.40	ug/L	0.000940	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Isophorone	U	ND	3.29	9.40	ug/L	0.000940	1					
N-Nitrosodipropylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Naphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
Nitrobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Pentachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Phenanthrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Phenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
m,p-Cresols	U	ND	3.48	9.40	ug/L	0.000940	1					
m-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Cresol	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
p-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0914	3008402	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	PW3	06/19/26	1733	3015279	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-03 Project: RVDE00226C
Sample ID: 780734013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		23.3	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		1.31	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-03 Project: RVDE00226C
Sample ID: 780734013 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	TH1	06/17/26	1304	3013336
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	06/11/26	1400	3009253
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	16.1 ug/L	47.0	34	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	16.6 ug/L	47.0	35	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	13.8 ug/L	47.0	29	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	39.5 ug/L	94.0	42	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	10.8 ug/L	94.0	11*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	16.0 ug/L	94.0	17	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.4 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	47.4 ug/L	50.0	95	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-03	Project:	RVDE00226C
Sample ID:	780734013	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-03 Dissolved
Sample ID: 780734014
Matrix: Ground Water
Collect Date: 08-JUN-26 13:25
Receive Date: 08-JUN-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	06/11/26	1054	3009278	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	96.3	68.0	200	ug/L	1.00	1	EM2	06/17/26	2042	3008924	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.49	5.00	30.0	ug/L	1.00	1					
Barium		49.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		58900	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	81.8	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		3480	110	300	ug/L	1.00	1					
Manganese		18.1	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		28100	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		126000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	3.94	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.44	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	06/09/26	0914	3008402	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	06/10/26	1230	3009274
SW846 3005A	SW846 3005A for 6010D	JB7	06/16/26	1540	3008923

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-03 Dissolved	Project:	RVDE00226C
Sample ID:	780734014	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-Facility Water	Project:	RVDE00226C
Sample ID:	780734015	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	08-JUN-26 14:30		
Receive Date:	08-JUN-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 6.94	2.31	6.94	ng/L	0.00918	1	JMB3	06/12/26	2014	3010454	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 7.05	2.35	7.05	ng/L	0.00918	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.88	2.29	6.88	ng/L	0.00918	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 6.98	2.33	6.98	ng/L	0.00918	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.34	2.45	7.34	ng/L	0.00918	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 18.4	6.12	18.4	ng/L	0.00918	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 18.4	6.12	18.4	ng/L	0.00918	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 36.7	12.2	36.7	ng/L	0.00918	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 36.7	12.2	36.7	ng/L	0.00918	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.34	2.45	7.34	ng/L	0.00918	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 6.94	2.31	6.94	ng/L	0.00918	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.87	2.29	6.87	ng/L	0.00918	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.67	1.22	3.67	ng/L	0.00918	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.27	1.09	3.27	ng/L	0.00918	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-Facility Water
Sample ID: 780734015
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.67	1.22	3.67	ng/L	0.00918	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.67	1.22	3.67	ng/L	0.00918	1					
Perfluorobutane sulfonic acid (PFBS)		3.51	0.543	1.63	ng/L	0.00918	1					
Perfluorobutanoic acid (PFBA)	U	< 7.34	2.45	7.34	ng/L	0.00918	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.77	0.590	1.77	ng/L	0.00918	1					
Perfluorodecanoic acid (PFDA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.78	0.594	1.78	ng/L	0.00918	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.75	0.583	1.75	ng/L	0.00918	1					
Perfluoroheptanoic acid (PFHpA)		3.83	0.612	1.84	ng/L	0.00918	1					
Perfluorohexane sulfonic acid (PFHxS)		1.72	0.559	1.68	ng/L	0.00918	1					
Perfluorohexanoic acid (PFHxA)		5.64	0.612	1.84	ng/L	0.00918	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.77	0.590	1.77	ng/L	0.00918	1					
Perfluorononanoic acid (PFNA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
Perfluorooctane sulfonic acid (PFOS)		8.08	0.568	1.70	ng/L	0.00918	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
Perfluorooctanoic acid (PFOA)		5.25	0.612	1.84	ng/L	0.00918	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 1.73	0.576	1.73	ng/L	0.00918	1					
Perfluoropentanoic acid (PFPeA)		6.77	0.612	1.84	ng/L	0.00918	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.84	0.612	1.84	ng/L	0.00918	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 1633	PFAS Extraction in Liquid - Refrigerated	SR2	06/11/26	1652	3010448

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: June 22, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-Facility Water	Project:	RVDE00226C
Sample ID:	780734015	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: June 22, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Flow Injection Analysis												
Batch 3008547												
QC1206492378 780313001 DUP												
Cyanide, Total		U	ND	U	ND	ug/L	N/A			CH9	06/16/26	11:31
QC1206492377 LCS												
Cyanide, Total	50.0				49.9	ug/L		99.9	(90%-110%)		06/16/26	11:23
QC1206492376 MB												
Cyanide, Total				U	ND	ug/L					06/16/26	11:22
QC1206492379 780313001 MS												
Cyanide, Total	100	U	ND		98.1	ug/L		98.1	(52%-131%)		06/16/26	11:38
Metals Analysis-ICP												
Batch 3008924												
QC1206493108 LCS												
Aluminum	5000				5110	ug/L		102	(80%-120%)	EM2	06/17/26	19:52
Antimony	500				522	ug/L		104	(80%-120%)			
Arsenic	500				517	ug/L		103	(80%-120%)			
Barium	500				519	ug/L		104	(80%-120%)			
Beryllium	500				513	ug/L		103	(80%-120%)			
Cadmium	500				508	ug/L		102	(80%-120%)			

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3008924										
Calcium	5000			5190	ug/L		104	(80%-120%)	EM2	06/17/26 19:52
Chromium	500			523	ug/L		105	(80%-120%)		
Cobalt	500			516	ug/L		103	(80%-120%)		
Copper	500			519	ug/L		104	(80%-120%)		
Iron	5000			5150	ug/L		103	(80%-120%)		
Lead	500			510	ug/L		102	(80%-120%)		
Magnesium	5000			5230	ug/L		105	(80%-120%)		
Manganese	500			518	ug/L		104	(80%-120%)		
Nickel	500			516	ug/L		103	(80%-120%)		
Potassium	5000			5250	ug/L		105	(80%-120%)		
Selenium	500			497	ug/L		99.3	(80%-120%)		
Silver	100			101	ug/L		101	(80%-120%)		
Sodium	5000			5080	ug/L		102	(80%-120%)		
Thallium	500			505	ug/L		101	(80%-120%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3008924										
Vanadium	500			524	ug/L		105	(80%-120%)	EM2	06/17/26 19:52
Zinc	500			501	ug/L		100	(80%-120%)		
QC1206493107 MB										
Aluminum			U	ND	ug/L					06/17/26 19:48
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3008924										
Magnesium			U	ND	ug/L				EM2	06/17/26 19:48
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					
Sodium			U	ND	ug/L					
Thallium			U	ND	ug/L					
Vanadium			U	ND	ug/L					
Zinc			U	ND	ug/L					
QC1206493109 780734003 MS										
Aluminum	5000	850		6030	ug/L		104	(75%-125%)		06/17/26 19:57
Antimony	500	ND	U	522	ug/L		104	(75%-125%)		
Arsenic	500	9.61	J	535	ug/L		105	(75%-125%)		
Barium	500	220		709	ug/L		97.8	(75%-125%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3008924											
Beryllium	500	U	ND		505	ug/L		101	(75%-125%)	EM2	06/17/26 19:57
Cadmium	500	U	ND		489	ug/L		97.7	(75%-125%)		
Calcium	5000		79000		85300	ug/L		N/A	(75%-125%)		
Chromium	500	J	4.49		519	ug/L		103	(75%-125%)		
Cobalt	500	J	3.40		506	ug/L		100	(75%-125%)		
Copper	500	U	ND		524	ug/L		105	(75%-125%)		
Iron	5000		33500		38900	ug/L		N/A	(75%-125%)		
Lead	500	U	ND		486	ug/L		97.1	(75%-125%)		
Magnesium	5000		37400		42700	ug/L		N/A	(75%-125%)		
Manganese	500		1190		1640	ug/L		90.7	(75%-125%)		
Nickel	500		5.04		499	ug/L		98.7	(75%-125%)		
Potassium	5000		92000		97200	ug/L		N/A	(75%-125%)		
Selenium	500	U	ND		499	ug/L		99.7	(75%-125%)		
Silver	100	U	ND		101	ug/L		101	(75%-125%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3008924											
Sodium	5000		154000		160000	ug/L		N/A	(75%-125%)	EM2	06/17/26 19:57
Thallium	500	U	ND		472	ug/L		94.4	(75%-125%)		
Vanadium	500		41.3		566	ug/L		105	(75%-125%)		
Zinc	500		30.1		528	ug/L		99.7	(75%-125%)		
QC1206493110 780734003 MSD											
Aluminum	5000		850		6010	ug/L	0.315	103	(0%-20%)		06/17/26 19:59
Antimony	500	U	ND		526	ug/L	0.823	105	(0%-20%)		
Arsenic	500	J	9.61		541	ug/L	1.04	106	(0%-20%)		
Barium	500		220		716	ug/L	1.01	99.2	(0%-20%)		
Beryllium	500	U	ND		511	ug/L	1.04	102	(0%-20%)		
Cadmium	500	U	ND		490	ug/L	0.333	98.1	(0%-20%)		
Calcium	5000		79000		85000	ug/L	0.33	N/A	(0%-20%)		
Chromium	500	J	4.49		523	ug/L	0.721	104	(0%-20%)		
Cobalt	500	J	3.40		508	ug/L	0.394	101	(0%-20%)		
Copper	500	U	ND		532	ug/L	1.38	106	(0%-20%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 3008924											
Iron	5000		33500		38900	ug/L	0.186	N/A	(0%-20%)	EM2	06/17/26 19:59
Lead	500	U	ND		491	ug/L	1.02	98.1	(0%-20%)		
Magnesium	5000		37400		42900	ug/L	0.347	N/A	(0%-20%)		
Manganese	500		1190		1670	ug/L	1.86	96.9	(0%-20%)		
Nickel	500		5.04		501	ug/L	0.446	99.1	(0%-20%)		
Potassium	5000		92000		97700	ug/L	0.542	N/A	(0%-20%)		
Selenium	500	U	ND		502	ug/L	0.658	100	(0%-20%)		
Silver	100	U	ND		102	ug/L	0.567	101	(0%-20%)		
Sodium	5000		154000		159000	ug/L	0.121	N/A	(0%-20%)		
Thallium	500	U	ND		483	ug/L	2.39	96.7	(0%-20%)		
Vanadium	500		41.3		570	ug/L	0.735	106	(0%-20%)		
Zinc	500		30.1		531	ug/L	0.47	100	(0%-20%)		
QC1206493112 780734003 SDILT											
Aluminum			850	J	191	ug/L	12.5		(0%-20%)		06/17/26 20:04
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3008924										
Arsenic	J	9.61	U	ND	ug/L	N/A		(0%-20%)	EM2	06/17/26 20:04
Barium		220		47.1	ug/L	7.18		(0%-20%)		
Beryllium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		79000		17100	ug/L	8.11		(0%-20%)		
Chromium	J	4.49	J	1.48	ug/L	65.2		(0%-20%)		
Cobalt	J	3.40	U	ND	ug/L	N/A		(0%-20%)		
Copper	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Iron		33500		7380	ug/L	10.1		(0%-20%)		
Lead	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Magnesium		37400		8240	ug/L	10.2		(0%-20%)		
Manganese		1190		257	ug/L	8.08		(0%-20%)		
Nickel		5.04	U	ND	ug/L	N/A		(0%-20%)		
Potassium		92000		19000	ug/L	3.49		(0%-20%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 3008924										
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	06/17/26 20:04
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		154000		33000	ug/L	7.2		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		41.3		8.85	ug/L	7.24		(0%-20%)		
Zinc		30.1	J	8.35	ug/L	39		(0%-20%)		
Metals Analysis-Mercury										
Batch 3009278										
QC1206493748 780762001 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			JP2	06/11/26 10:57
QC1206493741 LCS										
Mercury	2.00			1.99	ug/L		99.3	(80%-120%)		06/11/26 10:13
QC1206493740 MB										
Mercury			U	ND	ug/L					06/11/26 10:05
QC1206493749 780762001 MS										
Mercury	2.00 U	ND		2.01	ug/L		100	(75%-125%)		06/11/26 10:59
Batch 3012605										
QC1206500148 779756011 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			JP2	06/17/26 09:39

QC Summary

Workorder: 780734

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury										
Batch 3012605										
QC1206500147 LCS										
Mercury	2.00			1.96	ug/L		98.2	(80%-120%)	JP2	06/17/26 09:32
QC1206500146 MB										
Mercury			U	ND	ug/L					06/17/26 09:30
QC1206500149 779756011 MS										
Mercury	2.00 U	ND		1.92	ug/L		96	(75%-125%)		06/17/26 09:40
Perfluorinated Compounds										
Batch 3010454										
QC1206495887 LCS										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	92.6			91.3	ng/L		99	(55%-160%)	JMB3	06/12/26 14:46
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	94.1			99.0	ng/L		105	(60%-150%)		
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	91.9			90.4	ng/L		98	(70%-145%)		
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	93.1			101	ng/L		109	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	490			476	ng/L		97	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	490			486	ng/L		99	(70%-135%)		
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	98.0			102	ng/L		104	(65%-130%)		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	92.6			94.0	ng/L		101	(65%-145%)		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	91.6			93.9	ng/L		103	(70%-155%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 3010454											
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	98.0			84.9	ng/L		87	(70%-140%)	JMB3	06/12/26	14:46
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	24.5			25.6	ng/L		105	(65%-145%)			
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	24.5			26.6	ng/L		109	(70%-145%)			
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	245			257	ng/L		105	(70%-135%)			
N-Methylperfluorooctane sulfonamide (NMeFOSA)	24.5			26.4	ng/L		108	(60%-150%)			
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	24.5			26.8	ng/L		110	(50%-140%)			
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	245			252	ng/L		103	(70%-145%)			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	49.0			50.6	ng/L		103	(50%-150%)			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	43.6			45.2	ng/L		104	(70%-140%)			
Perfluoro-3-methoxypropanoic acid (PFMPA)	49.0			54.0	ng/L		110	(55%-140%)			
Perfluoro-4-methoxybutanoic acid (PFMBA)	49.0			48.7	ng/L		99	(60%-150%)			
Perfluorobutane sulfonic acid (PFBS)	21.7			21.0	ng/L		97	(60%-145%)			
Perfluorobutanoic acid (PFBA)	98.0			98.3	ng/L		100	(70%-140%)			
Perfluorodecane sulfonic acid (PFDS)	23.6			19.7	ng/L		83	(60%-145%)			

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 3010454										
Perfluorodecanoic acid (PFDA)	24.5			25.0	ng/L		102	(70%-140%)	JMB3	06/12/26 14:46
Perfluorododecane sulfonic acid (PFDoS)	23.8			17.7	ng/L		74	(50%-145%)		
Perfluorododecanoic acid (PFDOA)	24.5			26.9	ng/L		110	(70%-140%)		
Perfluoroheptane sulfonic acid (PFHpS)	23.3			21.5	ng/L		92	(70%-150%)		
Perfluoroheptanoic acid (PFHpA)	24.5			26.2	ng/L		107	(70%-150%)		
Perfluorohexane sulfonic acid (PFHxS)	22.4			22.2	ng/L		99	(65%-145%)		
Perfluorohexanoic acid (PFHxA)	24.5			24.8	ng/L		101	(70%-145%)		
Perfluorononane sulfonic acid (PFNS)	23.6			22.9	ng/L		97	(65%-145%)		
Perfluorononanoic acid (PFNA)	24.5			25.8	ng/L		105	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	24.5			25.6	ng/L		105	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	22.7			21.4	ng/L		94	(55%-150%)		
Perfluorooctanoic acid (PFOA)	24.5			25.5	ng/L		104	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	23.1			22.6	ng/L		98	(65%-140%)		
Perfluoropentanoic acid (PFPeA)	49.0			48.2	ng/L		98	(65%-135%)		

QC Summary

Workorder: 780734

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 3010454										
Perfluorotetradecanoic acid (PFTDA)	24.5			24.9	ng/L		102	(60%-140%)	JMB3	06/12/26 14:46
Perfluorotridecanoic acid (PFTrDA)	24.5			26.2	ng/L		107	(65%-140%)		
Perfluoroundecanoic acid (PFUnDA)	24.5			25.5	ng/L		104	(70%-145%)		
QC1206495888 LCS										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	5.83		J	4.93	ng/L		85	(55%-160%)		06/12/26 15:02
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.92		J	6.55	ng/L		111	(60%-150%)		
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.03		J	5.21	ng/L		86	(70%-145%)		
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	5.86		J	7.15	ng/L		122	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	30.8		J	32.2	ng/L		104	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	30.8		J	36.7	ng/L		119	(70%-135%)		
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	6.17		J	7.18	ng/L		116	(65%-130%)		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	5.83		J	6.49	ng/L		111	(65%-145%)		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	5.77		J	5.20	ng/L		90	(70%-155%)		
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	6.17		J	7.14	ng/L		116	(70%-140%)		
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	1.54		J	1.68	ng/L		109	(65%-145%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 3010454											
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	1.54		J	1.85	ng/L		120	(70%-145%)	JMB3	06/12/26	15:02
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	15.4		J	17.0	ng/L		110	(70%-135%)			
N-Methylperfluorooctane sulfonamide (NMeFOSA)	1.54		J	1.76	ng/L		114	(60%-150%)			
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	1.54		J	1.55	ng/L		100	(50%-140%)			
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	15.4		J	16.8	ng/L		109	(70%-145%)			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.08			3.90	ng/L		126	(50%-150%)			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.75		J	2.58	ng/L		94	(70%-140%)			
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.08			4.10	ng/L		133	(55%-140%)			
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.08		J	3.47	ng/L		113	(60%-150%)			
Perfluorobutane sulfonic acid (PFBS)	1.37		J	1.36	ng/L		100	(60%-145%)			
Perfluorobutanoic acid (PFBA)	6.17		J	6.56	ng/L		106	(70%-140%)			
Perfluorodecane sulfonic acid (PFDS)	1.49		J	1.43	ng/L		96	(60%-145%)			
Perfluorodecanoic acid (PFDA)	1.54		J	1.65	ng/L		107	(70%-140%)			
Perfluorododecane sulfonic acid (PFDoS)	1.50		J	1.30	ng/L		87	(50%-145%)			

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 3010454										
Perfluorododecanoic acid (PFDOA)	1.54			1.93	ng/L		125	(70%-140%)	JMB3	06/12/26 15:02
Perfluoroheptane sulfonic acid (PFHpS)	1.47		J	1.64	ng/L		112	(70%-150%)		
Perfluoroheptanoic acid (PFHpA)	1.54		J	1.58	ng/L		103	(70%-150%)		
Perfluorohexane sulfonic acid (PFHxS)	1.41		J	1.75	ng/L		124	(65%-145%)		
Perfluorohexanoic acid (PFHxA)	1.54		J	1.55	ng/L		101	(70%-145%)		
Perfluorononane sulfonic acid (PFNS)	1.48		J	1.52	ng/L		103	(65%-145%)		
Perfluorononanoic acid (PFNA)	1.54		J	1.72	ng/L		112	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	1.54		J	1.74	ng/L		113	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	1.43		J	1.68	ng/L		118	(55%-150%)		
Perfluorooctanoic acid (PFOA)	1.54		J	1.74	ng/L		113	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	1.45		J	1.42	ng/L		98	(65%-140%)		
Perfluoropentanoic acid (PFPeA)	3.08			3.31	ng/L		107	(65%-135%)		
Perfluorotetradecanoic acid (PFTDA)	1.54		J	1.67	ng/L		108	(60%-140%)		
Perfluorotridecanoic acid (PFTrDA)	1.54		J	1.70	ng/L		110	(65%-140%)		

QC Summary

Workorder: 780734

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 3010454											
Perfluoroundecanoic acid (PFUnDA)	1.54		J	1.73	ng/L		112	(70%-145%)	JMB3	06/12/26	15:02
QC1206495886 MB											
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)			U	< 2.4	ng/L					06/12/26	14:30
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)			U	< 2.4	ng/L						
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)			U	< 2.4	ng/L						
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)			U	< 2.4	ng/L						
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)			U	< 13	ng/L						
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)			U	< 13	ng/L						
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)			U	< 2.5	ng/L						
4,8-Dioxa-3H-perfluorononanoic acid (DONA)			U	< 2.4	ng/L						
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)			U	< 2.4	ng/L						
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)			U	< 2.5	ng/L						
N-Ethylperfluorooctane sulfonamide (EtFOSAm)			U	< 0.63	ng/L						
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)			U	< 0.63	ng/L						
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)			U	< 6.3	ng/L						

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 3010454										
N-Methylperfluorooctane sulfonamide (NMeFOSA)			U	< 0.63	ng/L				JMB3	06/12/26 14:30
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)			U	< 0.63	ng/L					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)			U	< 6.3	ng/L					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			U	< 1.3	ng/L					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)			U	< 1.1	ng/L					
Perfluoro-3-methoxypropanoic acid (PFMPA)			U	< 1.3	ng/L					
Perfluoro-4-methoxybutanoic acid (PFMBA)			U	< 1.3	ng/L					
Perfluorobutane sulfonic acid (PFBS)			U	< 0.56	ng/L					
Perfluorobutanoic acid (PFBA)			U	< 2.5	ng/L					
Perfluorodecane sulfonic acid (PFDS)			U	< 0.61	ng/L					
Perfluorodecanoic acid (PFDA)			U	< 0.63	ng/L					
Perfluorododecane sulfonic acid (PFDoS)			U	< 0.62	ng/L					
Perfluorododecanoic acid (PFDOA)			U	< 0.63	ng/L					
Perfluoroheptane sulfonic acid (PFHpS)			U	< 0.61	ng/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 3010454											
Perfluoroheptanoic acid (PFHpA)			U	< 0.63	ng/L				JMB3	06/12/26	14:30
Perfluorohexane sulfonic acid (PFHxS)			U	< 0.58	ng/L						
Perfluorohexanoic acid (PFHxA)			U	< 0.63	ng/L						
Perfluorononane sulfonic acid (PFNS)			U	< 0.61	ng/L						
Perfluorononanoic acid (PFNA)			U	< 0.63	ng/L						
Perfluorooctane sulfonamide (PFOSAm)			U	< 0.63	ng/L						
Perfluorooctane sulfonic acid (PFOS)			U	< 0.59	ng/L						
Perfluorooctanoic acid (PFOA)			U	< 0.63	ng/L						
Perfluoropentane sulfonic acid (PFPeS)			U	< 0.60	ng/L						
Perfluoropentanoic acid (PFPeA)			U	< 0.63	ng/L						
Perfluorotetradecanoic acid (PFTDA)			U	< 0.63	ng/L						
Perfluorotridecanoic acid (PFTrDA)			U	< 0.63	ng/L						
Perfluoroundecanoic acid (PFUnDA)			U	< 0.63	ng/L						

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
QC1206493694 LCS										
1,1'-Biphenyl	50.0			25.4	ug/L		51	(45%-114%)	NM1	06/12/26 08:27
1,2,4,5-Tetrachlorobenzene	50.0			23.7	ug/L		47	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			27.2	ug/L		54	(41%-119%)		
2,4,5-Trichlorophenol	50.0			27.7	ug/L		55	(42%-122%)		
2,4,6-Trichlorophenol	50.0			27.5	ug/L		55	(40%-119%)		
2,4-Dichlorophenol	50.0			25.1	ug/L		50	(36%-111%)		
2,4-Dimethylphenol	50.0			14.8	ug/L		30*	(31%-68%)		
2,4-Dinitrophenol	50.0			31.2	ug/L		62	(30%-120%)		
2,4-Dinitrotoluene	50.0			29.5	ug/L		59	(48%-128%)		
2,6-Dinitrotoluene	50.0			29.5	ug/L		59	(47%-124%)		
2-Chloronaphthalene	50.0			25.6	ug/L		51	(41%-113%)		
2-Chlorophenol	50.0			22.9	ug/L		46	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			29.3	ug/L		59	(32%-131%)		
2-Methylnaphthalene	50.0			27.2	ug/L		54	(42%-116%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
2-Nitrophenol	50.0			25.2	ug/L		50	(36%-115%)	NM1	06/12/26 08:27
3,3'-Dichlorobenzidine	50.0			30.7	ug/L		61	(43%-116%)		
4-Bromophenylphenylether	50.0			27.8	ug/L		56	(49%-125%)		
4-Chloro-3-methylphenol	50.0			27.1	ug/L		54	(35%-113%)		
4-Chloroaniline	50.0			31.4	ug/L		63	(39%-112%)		
4-Chlorophenylphenylether	50.0			28.2	ug/L		56	(48%-124%)		
4-Nitrophenol	50.0			16.0	ug/L		32	(25%-69%)		
Acenaphthene	50.0			26.0	ug/L		52	(44%-118%)		
Acenaphthylene	50.0			23.9	ug/L		48	(42%-110%)		
Acetophenone	50.0			24.9	ug/L		50	(44%-114%)		
Anthracene	50.0			26.5	ug/L		53	(49%-121%)		
Atrazine	50.0			26.5	ug/L		53	(49%-147%)		
Benzaldehyde	50.0		J	8.14	ug/L		16*	(27%-111%)		
Benzo(a)anthracene	50.0			26.1	ug/L		52	(46%-121%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
Benzo(a)pyrene	50.0			24.7	ug/L		49	(41%-120%)	NM1	06/12/26 08:27
Benzo(b)fluoranthene	50.0			27.8	ug/L		56	(45%-126%)		
Benzo(ghi)perylene	50.0			25.7	ug/L		51	(44%-129%)		
Benzo(k)fluoranthene	50.0			25.9	ug/L		52	(44%-126%)		
Butylbenzylphthalate	50.0			29.0	ug/L		58	(47%-135%)		
Carbazole	50.0			27.7	ug/L		55	(52%-127%)		
Chrysene	50.0			26.2	ug/L		52	(46%-121%)		
Di-n-butylphthalate	50.0			28.3	ug/L		57	(51%-132%)		
Di-n-octylphthalate	50.0			27.8	ug/L		56	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			25.6	ug/L		51	(42%-123%)		
Dibenzofuran	50.0			26.5	ug/L		53	(48%-118%)		
Diethylphthalate	50.0			27.6	ug/L		55	(51%-131%)		
Dimethylphthalate	50.0			29.6	ug/L		59	(48%-129%)		
Diphenylamine	50.0			27.8	ug/L		56	(49%-122%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
Fluoranthene	50.0			27.4	ug/L		55	(50%-126%)	NM1	06/12/26 08:27
Fluorene	50.0			26.3	ug/L		53	(48%-122%)		
Hexachlorobenzene	50.0			27.3	ug/L		55	(46%-122%)		
Hexachlorobutadiene	50.0			20.5	ug/L		41	(32%-94%)		
Hexachlorocyclopentadiene	50.0			10.4	ug/L		21*	(31%-64%)		
Hexachloroethane	50.0			19.3	ug/L		39	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			26.0	ug/L		52	(40%-125%)		
Isophorone	50.0			25.0	ug/L		50	(39%-126%)		
N-Nitrosodipropylamine	50.0			27.9	ug/L		56	(44%-122%)		
Naphthalene	50.0			23.6	ug/L		47	(41%-107%)		
Nitrobenzene	50.0			25.2	ug/L		50	(42%-112%)		
Pentachlorophenol	50.0			27.0	ug/L		54	(36%-124%)		
Phenanthrene	50.0			26.2	ug/L		52	(48%-120%)		
Phenol	50.0			13.8	ug/L		28	(12%-90%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
Pyrene	50.0			27.8	ug/L		56	(51%-127%)	NM1	06/12/26 08:27
bis(2-Chloro-1-methylethyl)ether	50.0			26.6	ug/L		53	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			27.7	ug/L		55	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			26.1	ug/L		52	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			27.2	ug/L		54	(42%-132%)		
m,p-Cresols	50.0			24.1	ug/L		48	(29%-82%)		
m-Nitroaniline	50.0			32.7	ug/L		65	(44%-119%)		
o-Cresol	50.0			21.9	ug/L		44	(29%-86%)		
o-Nitroaniline	50.0			29.5	ug/L		59	(45%-128%)		
p-Nitroaniline	50.0			33.4	ug/L		67	(46%-130%)		
**2,4,6-Tribromophenol	100			56.9	ug/L		57	(28%-113%)		
**2-Fluorobiphenyl	50.0			25.5	ug/L		51	(32%-102%)		
**2-Fluorophenol	100			31.4	ug/L		31	(15%-72%)		
**Nitrobenzene-d5	50.0			25.0	ug/L		50	(31%-100%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
**Phenol-d5	100			23.9	ug/L		24	(15%-85%)	NM1	06/12/26 08:27
**p-Terphenyl-d14	50.0			26.3	ug/L		53	(20%-118%)		
QC1206493693 MB										
1,1'-Biphenyl			U	ND	ug/L					06/12/26 08:04
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
2-Methyl-4,6-dinitrophenol			U	ND	ug/L				NM1	06/12/26 08:04
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
Benzaldehyde			U	ND	ug/L				NM1	06/12/26 08:04
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
Dimethylphthalate			U	ND	ug/L				NM1	06/12/26 08:04
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 3009257										
Phenanthrene			U	ND	ug/L				NM1	06/12/26 08:04
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			45.2	ug/L		45	(28%-113%)		
**2-Fluorobiphenyl	50.0			19.4	ug/L		39	(32%-102%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
**2-Fluorophenol	100				20.5	ug/L		21	(15%-72%)	NM1	06/12/26 08:04
**Nitrobenzene-d5	50.0				18.6	ug/L		37	(31%-100%)		
**Phenol-d5	100				14.9	ug/L		15	(15%-85%)		
**p-Terphenyl-d14	50.0				32.3	ug/L		65	(20%-118%)		
QC1206493695 780734003 MS											
1,1'-Biphenyl	100	U	ND		68.5	ug/L		69	(30%-119%)		06/12/26 13:08
1,2,4,5-Tetrachlorobenzene	100	U	ND		63.6	ug/L		64	(28%-109%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		66.5	ug/L		67	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		72.5	ug/L		73	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		68.3	ug/L		68	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		64.7	ug/L		65	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		45.7	ug/L		46	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		75.6	ug/L		76	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		70.5	ug/L		71	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		72.1	ug/L		72	(35%-126%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
2-Chloronaphthalene	100	U	ND		69.3	ug/L		69	(31%-114%)	NM1	06/12/26 13:08
2-Chlorophenol	100	U	ND		62.2	ug/L		62	(25%-106%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		71.1	ug/L		71	(25%-131%)		
2-Methylnaphthalene	100		1.92		71.0	ug/L		69	(32%-117%)		
2-Nitrophenol	100	U	ND		66.2	ug/L		66	(28%-118%)		
3,3'-Dichlorobenzidine	100	U	ND		63.1	ug/L		63	(24%-119%)		
4-Bromophenylphenylether	100	U	ND		68.4	ug/L		68	(36%-126%)		
4-Chloro-3-methylphenol	100	U	ND		70.6	ug/L		71	(32%-122%)		
4-Chloroaniline	100	U	ND		62.8	ug/L		63	(27%-117%)		
4-Chlorophenylphenylether	100	U	ND		71.1	ug/L		71	(35%-126%)		
4-Nitrophenol	100	U	ND		56.2	ug/L		56	(9%-95%)		
Acenaphthene	100		2.56		68.7	ug/L		66	(33%-118%)		
Acenaphthylene	100	U	ND		60.1	ug/L		60	(30%-112%)		
Acetophenone	100	U	ND		65.1	ug/L		65	(31%-118%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3009257												
Anthracene	100	U	ND		64.1	ug/L		64	(35%-122%)	NM1	06/12/26	13:08
Atrazine	100	U	ND		59.8	ug/L		60	(26%-158%)			
Benzaldehyde	100	U	ND		37.7	ug/L		38	(16%-109%)			
Benzo(a)anthracene	100	U	ND		62.4	ug/L		62	(33%-122%)			
Benzo(a)pyrene	100	U	ND		59.5	ug/L		60	(30%-121%)			
Benzo(b)fluoranthene	100	U	ND		68.6	ug/L		69	(33%-128%)			
Benzo(ghi)perylene	100	U	ND		63.6	ug/L		64	(31%-131%)			
Benzo(k)fluoranthene	100	U	ND		63.3	ug/L		63	(32%-128%)			
Butylbenzylphthalate	100	U	ND		70.7	ug/L		71	(35%-136%)			
Carbazole	100	J	0.540		67.0	ug/L		66	(39%-129%)			
Chrysene	100	U	ND		62.6	ug/L		63	(34%-122%)			
Di-n-butylphthalate	100	J	0.320		69.1	ug/L		69	(36%-133%)			
Di-n-octylphthalate	100	U	ND		70.3	ug/L		70	(29%-136%)			
Dibenzo(a,h)anthracene	100	U	ND		62.1	ug/L		62	(30%-124%)			

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
Dibenzofuran	100	U	ND		68.3	ug/L		68	(36%-120%)	NM1	06/12/26 13:08
Diethylphthalate	100	U	ND		66.8	ug/L		67	(37%-133%)		
Dimethylphthalate	100	U	ND		69.3	ug/L		69	(36%-131%)		
Diphenylamine	100	U	ND		64.9	ug/L		65	(33%-124%)		
Fluoranthene	100	U	ND		67.6	ug/L		68	(36%-128%)		
Fluorene	100	J	0.920		66.7	ug/L		66	(35%-124%)		
Hexachlorobenzene	100	U	ND		67.1	ug/L		67	(34%-123%)		
Hexachlorobutadiene	100	U	ND		55.7	ug/L		56	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		29.2	ug/L		29	(18%-65%)		
Hexachloroethane	100	U	ND		53.9	ug/L		54	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		63.2	ug/L		63	(29%-127%)		
Isophorone	100	U	ND		58.9	ug/L		59	(27%-128%)		
N-Nitrosodipropylamine	100	U	ND		67.2	ug/L		67	(30%-128%)		
Naphthalene	100		2.22		62.8	ug/L		61	(30%-109%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
Nitrobenzene	100	U	ND		62.2	ug/L		62	(30%-117%)	NM1	06/12/26 13:08
Pentachlorophenol	100	U	ND		76.5	ug/L		76	(30%-131%)		
Phenanthrene	100		1.33		65.2	ug/L		64	(35%-122%)		
Phenol	100	U	ND		48.7	ug/L		49	(16%-74%)		
Pyrene	100	U	ND		66.7	ug/L		67	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		65.5	ug/L		66	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		66.1	ug/L		66	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		63.6	ug/L		64	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		67.7	ug/L		68	(29%-135%)		
m,p-Cresols	100	U	ND		72.0	ug/L		72	(21%-105%)		
m-Nitroaniline	100	U	ND		71.3	ug/L		71	(29%-127%)		
o-Cresol	100	U	ND		61.5	ug/L		62	(23%-104%)		
o-Nitroaniline	100	U	ND		70.0	ug/L		70	(32%-130%)		
p-Nitroaniline	100	U	ND		75.1	ug/L		75	(33%-134%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
**2,4,6-Tribromophenol	200		43.8		140	ug/L		70	(28%-113%)	NM1	06/12/26 13:08
**2-Fluorobiphenyl	100		22.6		60.2	ug/L		60	(32%-102%)		
**2-Fluorophenol	200		19.9		98.1	ug/L		49	(15%-72%)		
**Nitrobenzene-d5	100		22.7		59.6	ug/L		60	(31%-100%)		
**Phenol-d5	200		15.1		82.0	ug/L		41	(15%-85%)		
**p-Terphenyl-d14	100		17.2		58.1	ug/L		58	(20%-118%)		
QC1206493696 780734003 MSD											
1,1'-Biphenyl	100	U	ND		57.5	ug/L	18	57	(0%-30%)		06/12/26 13:32
1,2,4,5-Tetrachlorobenzene	100	U	ND		57.2	ug/L	11	57	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		57.7	ug/L	14	58	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		60.9	ug/L	17	61	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		59.7	ug/L	13	60	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		57.2	ug/L	12	57	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		40.1	ug/L	13	40	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		68.8	ug/L	9	69	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 3009257												
2,4-Dinitrotoluene	100	U	ND		60.2	ug/L	16	60	(0%-30%)	NM1	06/12/26	13:32
2,6-Dinitrotoluene	100	U	ND		60.4	ug/L	18	60	(0%-30%)			
2-Chloronaphthalene	100	U	ND		62.6	ug/L	10	63	(0%-30%)			
2-Chlorophenol	100	U	ND		54.7	ug/L	13	55	(0%-30%)			
2-Methyl-4,6-dinitrophenol	100	U	ND		66.0	ug/L	7	66	(0%-30%)			
2-Methylnaphthalene	100		1.92		66.0	ug/L	7	64	(0%-30%)			
2-Nitrophenol	100	U	ND		59.8	ug/L	10	60	(0%-30%)			
3,3'-Dichlorobenzidine	100	U	ND		51.5	ug/L	20	51	(0%-30%)			
4-Bromophenylphenylether	100	U	ND		62.1	ug/L	10	62	(0%-30%)			
4-Chloro-3-methylphenol	100	U	ND		62.2	ug/L	13	62	(0%-30%)			
4-Chloroaniline	100	U	ND		56.5	ug/L	11	56	(0%-30%)			
4-Chlorophenylphenylether	100	U	ND		62.9	ug/L	12	63	(0%-30%)			
4-Nitrophenol	100	U	ND		46.8	ug/L	18	47	(0%-30%)			
Acenaphthene	100		2.56		60.2	ug/L	13	58	(0%-30%)			

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
Acenaphthylene	100	U	ND		53.4	ug/L	12	53	(0%-30%)	NM1	06/12/26 13:32
Acetophenone	100	U	ND		58.3	ug/L	11	58	(0%-30%)		
Anthracene	100	U	ND		58.8	ug/L	9	59	(0%-30%)		
Atrazine	100	U	ND		49.0	ug/L	20	49	(0%-30%)		
Benzaldehyde	100	U	ND		31.0	ug/L	20	31	(0%-30%)		
Benzo(a)anthracene	100	U	ND		55.9	ug/L	11	56	(0%-30%)		
Benzo(a)pyrene	100	U	ND		53.2	ug/L	11	53	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		59.9	ug/L	14	60	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		56.5	ug/L	12	57	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		55.7	ug/L	13	56	(0%-30%)		
Butylbenzylphthalate	100	U	ND		61.2	ug/L	14	61	(0%-30%)		
Carbazole	100	J	0.540		59.7	ug/L	11	59	(0%-30%)		
Chrysene	100	U	ND		55.8	ug/L	12	56	(0%-30%)		
Di-n-butylphthalate	100	J	0.320		61.5	ug/L	12	61	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
Di-n-octylphthalate	100	U	ND		61.9	ug/L	13	62	(0%-30%)	NM1	06/12/26 13:32
Dibenzo(a,h)anthracene	100	U	ND		55.6	ug/L	11	56	(0%-30%)		
Dibenzofuran	100	U	ND		59.9	ug/L	13	60	(0%-30%)		
Diethylphthalate	100	U	ND		57.0	ug/L	16	57	(0%-30%)		
Dimethylphthalate	100	U	ND		60.4	ug/L	14	60	(0%-30%)		
Diphenylamine	100	U	ND		58.8	ug/L	10	59	(0%-30%)		
Fluoranthene	100	U	ND		60.6	ug/L	11	61	(0%-30%)		
Fluorene	100	J	0.920		58.5	ug/L	13	58	(0%-30%)		
Hexachlorobenzene	100	U	ND		58.7	ug/L	13	59	(0%-30%)		
Hexachlorobutadiene	100	U	ND		53.6	ug/L	4	54	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		25.8	ug/L	12	26	(0%-30%)		
Hexachloroethane	100	U	ND		48.5	ug/L	11	49	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		56.2	ug/L	12	56	(0%-30%)		
Isophorone	100	U	ND		52.5	ug/L	11	53	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
N-Nitrosodipropylamine	100	U	ND		60.1	ug/L	11	60	(0%-30%)	NM1	06/12/26 13:32
Naphthalene	100		2.22		58.2	ug/L	8	56	(0%-30%)		
Nitrobenzene	100	U	ND		56.9	ug/L	9	57	(0%-30%)		
Pentachlorophenol	100	U	ND		69.5	ug/L	10	69	(0%-30%)		
Phenanthrene	100		1.33		60.1	ug/L	8	59	(0%-30%)		
Phenol	100	U	ND		42.5	ug/L	14	43	(0%-30%)		
Pyrene	100	U	ND		59.9	ug/L	11	60	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		58.9	ug/L	11	59	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		59.9	ug/L	10	60	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		57.8	ug/L	10	58	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		60.4	ug/L	11	60	(0%-30%)		
m,p-Cresols	100	U	ND		62.9	ug/L	14	63	(0%-30%)		
m-Nitroaniline	100	U	ND		60.8	ug/L	16	61	(0%-30%)		
o-Cresol	100	U	ND		54.4	ug/L	12	54	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 3009257											
o-Nitroaniline	100	U	ND		61.0	ug/L	14	61	(0%-30%)	NM1	06/12/26 13:32
p-Nitroaniline	100	U	ND		65.4	ug/L	14	65	(0%-30%)		
**2,4,6-Tribromophenol	200		43.8		116	ug/L		58	(28%-113%)		
**2-Fluorobiphenyl	100		22.6		53.5	ug/L		53	(32%-102%)		
**2-Fluorophenol	200		19.9		86.4	ug/L		43	(15%-72%)		
**Nitrobenzene-d5	100		22.7		54.8	ug/L		55	(31%-100%)		
**Phenol-d5	200		15.1		72.0	ug/L		36	(15%-85%)		
**p-Terphenyl-d14	100		17.2		53.9	ug/L		54	(20%-118%)		
Semi-Volatiles-PCB											
Batch 3008550											
QC1206492390 LCS											
Aroclor-1016	1.00				0.754	ug/L		75	(70%-130%)	JXM	06/10/26 14:09
Aroclor-1260	1.00				0.879	ug/L		88	(70%-130%)		
**4cmx	0.200				0.107	ug/L		54	(28%-114%)		
**Decachlorobiphenyl	0.200				0.162	ug/L		81	(30%-135%)		
QC1206493886 LCSD											
Aroclor-1016	1.00				0.804	ug/L	6	80	(0%-26%)		06/10/26 14:20

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 3008550										
Aroclor-1260	1.00			0.923	ug/L	5	92	(0%-26%)	JXM	06/10/26 14:20
**4cmx	0.200			0.135	ug/L		68	(28%-114%)		
**Decachlorobiphenyl	0.200			0.158	ug/L		79	(30%-135%)		
QC1206492389 MB										
Aroclor-1016			U	ND	ug/L					06/10/26 13:57
Aroclor-1221			U	ND	ug/L					
Aroclor-1232			U	ND	ug/L					
Aroclor-1242			U	ND	ug/L					
Aroclor-1248			U	ND	ug/L					
Aroclor-1254			U	ND	ug/L					
Aroclor-1260			U	ND	ug/L					
Aroclor-1262			U	ND	ug/L					
Aroclor-1268			U	ND	ug/L					
**4cmx	0.200			0.124	ug/L		62	(28%-114%)		
**Decachlorobiphenyl	0.200			0.150	ug/L		75	(30%-135%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3010513										
QC1206495974 LCS										
4,4'-DDD	1.25			1.16	ug/L		93	(70%-130%)	YS1	06/12/26 11:59
4,4'-DDE	1.25			1.14	ug/L		91	(70%-130%)		
4,4'-DDT	1.25			1.15	ug/L		92	(70%-130%)		
Aldrin	0.500			0.519	ug/L		104	(70%-130%)		
Dieldrin	1.25			1.18	ug/L		94	(70%-130%)		
Endosulfan I	0.500			0.444	ug/L		89	(70%-130%)		
Endosulfan II	1.25			1.16	ug/L		92	(70%-130%)		
Endosulfan sulfate	1.25			1.19	ug/L		95	(70%-130%)		
Endrin	1.25			1.11	ug/L		89	(70%-130%)		
Endrin aldehyde	1.25			1.05	ug/L		84	(70%-130%)		
Endrin ketone	1.25			1.23	ug/L		98	(70%-130%)		
Heptachlor	0.500			0.451	ug/L		90	(70%-130%)		
Heptachlor epoxide	0.500			0.515	ug/L		103	(70%-130%)		
Methoxychlor	5.00			4.33	ug/L		87	(70%-130%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3010513										
alpha-BHC	0.500			0.479	ug/L		96	(70%-130%)	YS1	06/12/26 11:59
beta-BHC	0.500			0.440	ug/L		88	(70%-130%)		
cis-Chlordane	0.500			0.441	ug/L		88	(70%-130%)		
delta-BHC	0.500			0.505	ug/L		101	(70%-130%)		
gamma-BHC (Lindane)	0.500			0.479	ug/L		96	(70%-130%)		
trans-Chlordane	0.500			0.451	ug/L		90	(70%-130%)		
**4cmx	1.00			0.821	ug/L		82	(29%-119%)		
**Decachlorobiphenyl	1.00			0.761	ug/L		76	(43%-140%)		
QC1206495979 LCS										
Toxaphene	4.00			3.90	ug/L		98	(70%-130%)		06/12/26 12:14
**4cmx	1.00			0.867	ug/L		87	(29%-119%)		
**Decachlorobiphenyl	1.00			0.704	ug/L		70	(43%-140%)		
QC1206496620 LCSD										
4,4'-DDD	1.25			1.14	ug/L	2	91	(0%-30%)		06/12/26 12:29
4,4'-DDE	1.25			1.09	ug/L	4	87	(0%-30%)		
4,4'-DDT	1.25			1.15	ug/L	0	92	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3010513										
Aldrin	0.500			0.507	ug/L	2	101	(0%-30%)	YS1	06/12/26 12:29
Dieldrin	1.25			1.14	ug/L	3	91	(0%-30%)		
Endosulfan I	0.500			0.428	ug/L	4	86	(0%-30%)		
Endosulfan II	1.25			1.13	ug/L	2	91	(0%-30%)		
Endosulfan sulfate	1.25			1.19	ug/L	1	96	(0%-30%)		
Endrin	1.25			1.08	ug/L	3	86	(0%-30%)		
Endrin aldehyde	1.25			1.04	ug/L	1	84	(0%-30%)		
Endrin ketone	1.25			1.18	ug/L	4	94	(0%-30%)		
Heptachlor	0.500			0.443	ug/L	2	89	(0%-30%)		
Heptachlor epoxide	0.500			0.504	ug/L	2	101	(0%-30%)		
Methoxychlor	5.00			4.17	ug/L	4	83	(0%-30%)		
alpha-BHC	0.500			0.478	ug/L	0	96	(0%-30%)		
beta-BHC	0.500			0.434	ug/L	1	87	(0%-30%)		
cis-Chlordane	0.500			0.428	ug/L	3	86	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3010513										
delta-BHC	0.500			0.496	ug/L	2	99	(0%-30%)	YS1	06/12/26 12:29
gamma-BHC (Lindane)	0.500			0.470	ug/L	2	94	(0%-30%)		
trans-Chlordane	0.500			0.438	ug/L	3	88	(0%-30%)		
**4cmx	1.00			0.803	ug/L		80	(29%-119%)		
**Decachlorobiphenyl	1.00			0.761	ug/L		76	(43%-140%)		
QC1206495973 MB										
4,4'-DDD			U	ND	ug/L					06/12/26 11:44
4,4'-DDE			U	ND	ug/L					
4,4'-DDT			U	ND	ug/L					
Aldrin			U	ND	ug/L					
Dieldrin			U	ND	ug/L					
Endosulfan I			U	ND	ug/L					
Endosulfan II			U	ND	ug/L					
Endosulfan sulfate			U	ND	ug/L					
Endrin			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 3010513										
Endrin aldehyde			U	ND	ug/L				YS1	06/12/26 11:44
Endrin ketone			U	ND	ug/L					
Heptachlor			U	ND	ug/L					
Heptachlor epoxide			U	ND	ug/L					
Methoxychlor			U	ND	ug/L					
Toxaphene			U	ND	ug/L					
alpha-BHC			U	ND	ug/L					
beta-BHC			U	ND	ug/L					
cis-Chlordane			U	ND	ug/L					
delta-BHC			U	ND	ug/L					
gamma-BHC (Lindane)			U	ND	ug/L					
trans-Chlordane			U	ND	ug/L					
**4cmx	1.00			0.887	ug/L		89	(29%-119%)		
**Decachlorobiphenyl	1.00			0.799	ug/L		80	(43%-140%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 3010513											
QC1206495975 781020011 MS											
4,4'-DDD	1.25	U	ND		1.22	ug/L		98	(38%-152%)	YS1	06/15/26 12:59
4,4'-DDE	1.25	U	ND		1.20	ug/L		96	(34%-144%)		
4,4'-DDT	1.25	U	ND		1.16	ug/L		92	(33%-152%)		
Aldrin	0.500	U	ND		0.568	ug/L		114	(10%-146%)		
Dieldrin	1.25	U	ND		1.10	ug/L		88	(40%-144%)		
Endosulfan I	0.500	U	ND		0.457	ug/L		91	(35%-138%)		
Endosulfan II	1.25	U	ND		1.07	ug/L		86	(36%-145%)		
Endosulfan sulfate	1.25	U	ND		1.09	ug/L		88	(38%-150%)		
Endrin	1.25	U	ND		0.911	ug/L		73	(34%-164%)		
Endrin aldehyde	1.25	U	ND		1.05	ug/L		84	(37%-159%)		
Endrin ketone	1.25	U	ND		1.21	ug/L		97	(39%-144%)		
Heptachlor	0.500	U	ND		0.495	ug/L		99	(30%-143%)		
Heptachlor epoxide	0.500	U	ND		0.529	ug/L		106	(34%-148%)		
Methoxychlor	5.00	U	ND		4.16	ug/L		83	(32%-151%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 3010513											
alpha-BHC	0.500	U	ND		0.538	ug/L		108	(38%-146%)	YS1	06/15/26 12:59
beta-BHC	0.500	U	ND		0.469	ug/L		94	(35%-138%)		
cis-Chlordane	0.500	U	ND		0.442	ug/L		88	(31%-141%)		
delta-BHC	0.500	U	ND		0.545	ug/L		109	(38%-149%)		
gamma-BHC (Lindane)	0.500	U	ND		0.520	ug/L		104	(34%-140%)		
trans-Chlordane	0.500	U	ND		0.425	ug/L		85	(32%-143%)		
**4cmx	1.00		0.911		0.756	ug/L		76	(29%-119%)		
**Decachlorobiphenyl	1.00		0.718		0.628	ug/L		63	(43%-140%)		
QC1206495976 781020011 MSD											
4,4'-DDD	1.25	U	ND		1.24	ug/L	1	99	(0%-30%)		06/15/26 13:14
4,4'-DDE	1.25	U	ND		1.23	ug/L	3	99	(0%-30%)		
4,4'-DDT	1.25	U	ND		1.17	ug/L	1	93	(0%-30%)		
Aldrin	0.500	U	ND		0.574	ug/L	1	115	(0%-30%)		
Dieldrin	1.25	U	ND		1.03	ug/L	7	82	(0%-30%)		
Endosulfan I	0.500	U	ND		0.450	ug/L	2	90	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 3010513											
Endosulfan II	1.25	U	ND		1.01	ug/L	6	81	(0%-30%)	YS1	06/15/26 13:14
Endosulfan sulfate	1.25	U	ND		1.02	ug/L	7	82	(0%-30%)		
Endrin	1.25	U	ND		0.773	ug/L	16	62	(0%-30%)		
Endrin aldehyde	1.25	U	ND		0.968	ug/L	8	77	(0%-30%)		
Endrin ketone	1.25	U	ND		1.18	ug/L	3	94	(0%-30%)		
Heptachlor	0.500	U	ND		0.474	ug/L	4	95	(0%-30%)		
Heptachlor epoxide	0.500	U	ND		0.527	ug/L	1	105	(0%-30%)		
Methoxychlor	5.00	U	ND		4.06	ug/L	2	81	(0%-30%)		
alpha-BHC	0.500	U	ND		0.592	ug/L	10	118	(0%-30%)		
beta-BHC	0.500	U	ND		0.477	ug/L	2	95	(0%-30%)		
cis-Chlordane	0.500	U	ND		0.434	ug/L	2	87	(0%-30%)		
delta-BHC	0.500	U	ND		0.560	ug/L	3	112	(0%-30%)		
gamma-BHC (Lindane)	0.500	U	ND		0.539	ug/L	4	108	(0%-30%)		
trans-Chlordane	0.500	U	ND		0.423	ug/L	1	85	(0%-30%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 3010513												
**4cmx	1.00		0.911		0.794	ug/L			79	(29%-119%)	YS1	06/15/26 13:14
**Decachlorobiphenyl	1.00		0.718		0.611	ug/L			61	(43%-140%)		
Spectrometric Analysis												
Batch 3008402												
QC1206492050 780734003 DUP												
Hexavalent Chromium			0.0108		0.0108	mg/L	0	^		(+/-0.0100)	BR2	06/09/26 09:13
QC1206492052 780734013 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A					06/09/26 09:14
QC1206492049 LCS												
Hexavalent Chromium	0.0472				0.0498	mg/L			106	(85%-115%)		06/09/26 09:13
QC1206492048 MB												
Hexavalent Chromium				U	ND	mg/L						06/09/26 09:13
QC1206492051 780734003 MS												
Hexavalent Chromium	0.0472		0.0108		0.0119	mg/L			2.36*	(85%-115%)		06/09/26 09:13
QC1206492053 780734013 MS												
Hexavalent Chromium	0.0472	U	ND		0.0253	mg/L			49.6*	(85%-115%)		06/09/26 09:14
Volatile-GC/MS												
Batch 3015279												
QC1206505276 LCS												
1,1,1-Trichloroethane	50.0				47.3	ug/L			95	(70%-130%)	PW3	06/19/26 12:43
1,1,2,2-Tetrachloroethane	50.0				51.1	ug/L			102	(70%-130%)		
1,1,2-Trichloroethane	50.0				47.2	ug/L			94	(70%-130%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
1,1-Dichloroethane	50.0			46.4	ug/L		93	(70%-130%)	PW3	06/19/26 12:43
1,1-Dichloroethylene	50.0			47.0	ug/L		94	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			48.4	ug/L		97	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			48.4	ug/L		97	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			47.5	ug/L		95	(70%-130%)		
1,2-Dibromoethane	50.0			48.2	ug/L		96	(70%-130%)		
1,2-Dichlorobenzene	50.0			47.1	ug/L		94	(70%-130%)		
1,2-Dichloroethane	50.0			46.0	ug/L		92	(70%-130%)		
1,2-Dichloropropane	50.0			46.5	ug/L		93	(70%-130%)		
1,3-Dichlorobenzene	50.0			47.6	ug/L		95	(70%-130%)		
1,4-Dichlorobenzene	50.0			48.3	ug/L		97	(70%-130%)		
2-Butanone	250			216	ug/L		86	(70%-130%)		
2-Hexanone	250			231	ug/L		92	(70%-130%)		
4-Methyl-2-pentanone	250			234	ug/L		93	(70%-130%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
Acetone	250			208	ug/L		83	(70%-130%)	PW3	06/19/26 12:43
Benzene	50.0			46.4	ug/L		93	(70%-130%)		
Bromochloromethane	50.0			45.9	ug/L		92	(70%-130%)		
Bromodichloromethane	50.0			47.7	ug/L		95	(70%-130%)		
Bromoform	50.0			47.3	ug/L		95	(70%-130%)		
Bromomethane	50.0			75.4	ug/L		151*	(70%-130%)		
Carbon disulfide	250			242	ug/L		97	(70%-130%)		
Carbon tetrachloride	50.0			47.8	ug/L		96	(70%-130%)		
Chlorobenzene	50.0			47.5	ug/L		95	(70%-130%)		
Chloroethane	50.0			60.9	ug/L		122	(70%-130%)		
Chloroform	50.0			45.3	ug/L		91	(70%-130%)		
Chloromethane	50.0			63.2	ug/L		126	(70%-130%)		
Cyclohexane	50.0			45.3	ug/L		91	(70%-130%)		
Dibromochloromethane	50.0			47.7	ug/L		95	(70%-130%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
Dichlorodifluoromethane	50.0			61.6	ug/L		123	(70%-130%)	PW3	06/19/26 12:43
Ethylbenzene	50.0			48.0	ug/L		96	(70%-130%)		
Isopropylbenzene	50.0			50.3	ug/L		101	(70%-130%)		
Methyl acetate	250			228	ug/L		91	(70%-130%)		
Methylcyclohexane	50.0			46.3	ug/L		93	(70%-130%)		
Methylene chloride	50.0			47.2	ug/L		94	(70%-130%)		
Styrene	50.0			47.0	ug/L		94	(70%-130%)		
Tetrachloroethylene	50.0			45.6	ug/L		91	(70%-130%)		
Toluene	50.0			48.1	ug/L		96	(70%-130%)		
Trichloroethylene	50.0			46.7	ug/L		93	(70%-130%)		
Trichlorofluoromethane	50.0			54.4	ug/L		109	(70%-130%)		
Vinyl chloride	50.0			68.4	ug/L		137*	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			44.8	ug/L		90	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			47.8	ug/L		96	(70%-130%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
m,p-Xylenes	100			94.1	ug/L		94	(70%-130%)	PW3	06/19/26 12:43
o-Xylene	50.0			47.1	ug/L		94	(70%-130%)		
tert-Butyl methyl ether	50.0			43.5	ug/L		87	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			45.3	ug/L		91	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			47.0	ug/L		94	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			46.4	ug/L		93	(71%-131%)		
**Bromofluorobenzene	50.0			51.2	ug/L		102	(77%-123%)		
**Toluene-d8	50.0			47.9	ug/L		96	(77%-121%)		
QC1206505277 LCS										
1,4-Dioxane	2500			2380	ug/L		95	(70%-130%)		06/19/26 13:09
Trichlorotrifluoroethane	250			255	ug/L		102	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			47.6	ug/L		95	(71%-131%)		
**Bromofluorobenzene	50.0			50.4	ug/L		101	(77%-123%)		
**Toluene-d8	50.0			52.0	ug/L		104	(77%-121%)		
QC1206505278 MB										
1,1,1-Trichloroethane			U	ND	ug/L					06/19/26 14:01

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
1,1,2,2-Tetrachloroethane			U	ND	ug/L				PW3	06/19/26 14:01
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
2-Butanone			U	ND	ug/L				PW3	06/19/26 14:01
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
Chloromethane			U	ND	ug/L				PW3	06/19/26 14:01
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			U	ND	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
Trichlorotrifluoroethane			U	ND	ug/L				PW3	06/19/26 14:01
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					
trans-1,3-Dichloropropylene			U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0			48.0	ug/L		96	(71%-131%)		
**Bromofluorobenzene	50.0			51.2	ug/L		102	(77%-123%)		
**Toluene-d8	50.0			48.1	ug/L		96	(77%-121%)		
QC1206505279 780734002 MS										
1,1,1-Trichloroethane	50.0	U	ND	41.7	ug/L		83	(60%-123%)		06/19/26 20:38
1,1,2,2-Tetrachloroethane	50.0	U	ND	47.4	ug/L		95	(58%-125%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 3015279												
1,1,2-Trichloroethane	50.0	U	ND		47.2	ug/L		94	(62%-123%)	PW3	06/19/26	20:38
1,1-Dichloroethane	50.0	U	ND		43.1	ug/L		86	(66%-128%)			
1,1-Dichloroethylene	50.0	U	ND		42.3	ug/L		85	(59%-138%)			
1,2,3-Trichlorobenzene	50.0	U	ND		45.7	ug/L		91	(40%-140%)			
1,2,4-Trichlorobenzene	50.0	U	ND		44.0	ug/L		88	(51%-129%)			
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.3	ug/L		83	(49%-133%)			
1,2-Dibromoethane	50.0	U	ND		47.1	ug/L		94	(66%-125%)			
1,2-Dichlorobenzene	50.0	U	ND		42.5	ug/L		85	(58%-123%)			
1,2-Dichloroethane	50.0	U	ND		42.4	ug/L		85	(58%-130%)			
1,2-Dichloropropane	50.0	U	ND		45.5	ug/L		91	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		42.2	ug/L		84	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		43.2	ug/L		86	(54%-123%)			
2-Butanone	250	U	ND		206	ug/L		82	(59%-136%)			
2-Hexanone	250	U	ND		232	ug/L		93	(58%-145%)			

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3015279											
4-Methyl-2-pentanone	250	U	ND		234	ug/L		93	(63%-135%)	PW3	06/19/26 20:38
Acetone	250	J	2.93		197	ug/L		77	(50%-140%)		
Benzene	50.0	U	ND		41.5	ug/L		83	(64%-119%)		
Bromochloromethane	50.0	U	ND		44.2	ug/L		88	(63%-130%)		
Bromodichloromethane	50.0	U	ND		44.5	ug/L		89	(65%-125%)		
Bromoform	50.0	U	ND		43.8	ug/L		88	(49%-129%)		
Bromomethane	50.0	U	ND		61.1	ug/L		122	(55%-154%)		
Carbon disulfide	250	U	ND		218	ug/L		87	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		42.4	ug/L		85	(60%-127%)		
Chlorobenzene	50.0	U	ND		45.2	ug/L		90	(61%-120%)		
Chloroethane	50.0	U	ND		54.2	ug/L		108	(60%-138%)		
Chloroform	50.0		3.82		46.0	ug/L		84	(64%-122%)		
Chloromethane	50.0	U	ND		53.0	ug/L		106	(43%-161%)		
Cyclohexane	50.0	U	ND		40.5	ug/L		81	(51%-125%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3015279											
Dibromochloromethane	50.0	U	ND		46.5	ug/L		93	(60%-130%)	PW3	06/19/26 20:38
Dichlorodifluoromethane	50.0	U	ND		44.8	ug/L		90	(37%-162%)		
Ethylbenzene	50.0	U	ND		44.6	ug/L		89	(57%-122%)		
Isopropylbenzene	50.0	U	ND		45.7	ug/L		91	(53%-128%)		
Methyl acetate	250	U	ND		207	ug/L		83	(58%-145%)		
Methylcyclohexane	50.0	U	ND		42.1	ug/L		84	(58%-122%)		
Methylene chloride	50.0	U	ND		45.2	ug/L		90	(61%-135%)		
Styrene	50.0	U	ND		44.1	ug/L		88	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		42.6	ug/L		85	(53%-124%)		
Toluene	50.0	U	ND		47.5	ug/L		95	(60%-120%)		
Trichloroethylene	50.0	U	ND		41.6	ug/L		83	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		46.1	ug/L		92	(51%-134%)		
Vinyl chloride	50.0	U	ND		54.2	ug/L		108	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		42.7	ug/L		85	(65%-124%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3015279											
cis-1,3-Dichloropropylene	50.0	U	ND		43.5	ug/L		87	(61%-123%)	PW3	06/19/26 20:38
m,p-Xylenes	100	U	ND		88.3	ug/L		88	(58%-122%)		
o-Xylene	50.0	U	ND		44.5	ug/L		89	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		40.4	ug/L		81	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		43.2	ug/L		86	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		48.2	ug/L		96	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		47.7		46.1	ug/L		92	(71%-131%)		
**Bromofluorobenzene	50.0		49.3		51.9	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		47.0		52.6	ug/L		105	(77%-121%)		
QC1206505281 780734002 MS											
1,4-Dioxane	2500	U	ND		2300	ug/L		92	(50%-136%)		06/19/26 21:31
Trichlorotrifluoroethane	250	U	ND		224	ug/L		90	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		47.7		48.9	ug/L		98	(71%-131%)		
**Bromofluorobenzene	50.0		49.3		51.7	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		47.0		53.5	ug/L		107	(77%-121%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3015279											
QC1206505280 780734002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		42.7	ug/L	2	85	(0%-20%)	PW3	06/19/26 21:04
1,1,2,2-Tetrachloroethane	50.0	U	ND		49.3	ug/L	4	99	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		45.6	ug/L	3	91	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		45.1	ug/L	5	90	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		44.4	ug/L	5	89	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		47.8	ug/L	4	96	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		43.7	ug/L	1	87	(0%-20%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		46.7	ug/L	12	93	(0%-20%)		
1,2-Dibromoethane	50.0	U	ND		46.1	ug/L	2	92	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		45.4	ug/L	7	91	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		44.5	ug/L	5	89	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		45.2	ug/L	1	90	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		42.9	ug/L	2	86	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		45.3	ug/L	5	91	(0%-20%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3015279											
2-Butanone	250	U	ND		224	ug/L	8	90	(0%-20%)	PW3	06/19/26 21:04
2-Hexanone	250	U	ND		227	ug/L	2	91	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		231	ug/L	1	92	(0%-20%)		
Acetone	250	J	2.93		209	ug/L	6	82	(0%-20%)		
Benzene	50.0	U	ND		43.7	ug/L	5	87	(0%-20%)		
Bromochloromethane	50.0	U	ND		46.2	ug/L	4	92	(0%-20%)		
Bromodichloromethane	50.0	U	ND		44.9	ug/L	1	90	(0%-20%)		
Bromoform	50.0	U	ND		47.4	ug/L	8	95	(0%-20%)		
Bromomethane	50.0	U	ND		62.3	ug/L	2	125	(0%-20%)		
Carbon disulfide	250	U	ND		226	ug/L	4	90	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		44.0	ug/L	4	88	(0%-20%)		
Chlorobenzene	50.0	U	ND		44.3	ug/L	2	89	(0%-20%)		
Chloroethane	50.0	U	ND		57.7	ug/L	6	115	(0%-20%)		
Chloroform	50.0		3.82		47.6	ug/L	3	88	(0%-20%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3015279											
Chloromethane	50.0	U	ND		54.3	ug/L	3	109	(0%-20%)	PW3	06/19/26 21:04
Cyclohexane	50.0	U	ND		40.2	ug/L	1	80	(0%-20%)		
Dibromochloromethane	50.0	U	ND		46.5	ug/L	0	93	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		48.6	ug/L	8	97	(0%-20%)		
Ethylbenzene	50.0	U	ND		43.8	ug/L	2	88	(0%-20%)		
Isopropylbenzene	50.0	U	ND		45.2	ug/L	1	90	(0%-20%)		
Methyl acetate	250	U	ND		219	ug/L	6	88	(0%-20%)		
Methylcyclohexane	50.0	U	ND		41.1	ug/L	2	82	(0%-20%)		
Methylene chloride	50.0	U	ND		46.7	ug/L	3	93	(0%-20%)		
Styrene	50.0	U	ND		42.3	ug/L	4	85	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		41.4	ug/L	3	83	(0%-20%)		
Toluene	50.0	U	ND		44.9	ug/L	6	90	(0%-20%)		
Trichloroethylene	50.0	U	ND		43.3	ug/L	4	87	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		49.1	ug/L	6	98	(0%-20%)		

QC Summary

Workorder: **780734**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 3015279											
Vinyl chloride	50.0	U	ND		56.5	ug/L	4	113	(0%-20%)	PW3	06/19/26 21:04
cis-1,2-Dichloroethylene	50.0	U	ND		44.7	ug/L	5	89	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		43.8	ug/L	1	88	(0%-20%)		
m,p-Xylenes	100	U	ND		85.4	ug/L	3	85	(0%-20%)		
o-Xylene	50.0	U	ND		42.5	ug/L	5	85	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		42.7	ug/L	5	85	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		44.0	ug/L	2	88	(0%-20%)		
trans-1,3-Dichloropropylene	50.0	U	ND		47.1	ug/L	2	94	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		47.7		48.2	ug/L		96	(71%-131%)		
**Bromofluorobenzene	50.0		49.3		51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		47.0		50.8	ug/L		102	(77%-121%)		
QC1206505282 780734002 MSD											
1,4-Dioxane	2500	U	ND		2300	ug/L	0	92	(0%-20%)		06/19/26 21:58
Trichlorotrifluoroethane	250	U	ND		230	ug/L	3	92	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		47.7		48.0	ug/L		96	(71%-131%)		

QC Summary

Workorder: **780734**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 3015279										
**Bromofluorobenzene	50.0	49.3		51.8	ug/L		104	(77%-123%)	PW3	06/19/26 21:58
**Toluene-d8	50.0	47.0		52.9	ug/L		106	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
h	h	Preparation or preservation holding time was exceeded
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVPE00226
GEL Quote #: _____
COC Number (1): _____
PO Number:

GEL Laboratories LLC
Chemistry | Radiochemistry | Radiobioassay | Specialty Analytics
gel.com

Chain of Custody and Analytical Request

GEL Work Order Number: 180734 GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering LLC Phone #
Project/Site Name: Liberty Steel Fax #
Address: Georgetown, SC
Collected By: Client (CS, MS) Send Results To:

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (Please supply isotopic info.)	Should this sample be considered: (7) Known or possible hazards	Total number of containers	TCL VOCs HA	TCL SVOCs Ø	TAL Metals NI	Total CrVI Ø	Dissolved TAL Metals NI *	Dissolved CrVI * Ø	TCL PCBs Ø	Pest. Ø	Cyanide SH	PFAS Ø	<-- Preservative Type (6)
LS-TB-060826	06-08-26	0830	TB	N	DI			3	3										* Dissolved
LS-MW-28D		0839	N	N	GW			3	3										TAL Metals and
LS-MW-20		0920	N	N	GW			13	3	2	1	1	1	1				4	Dissolved CrVI
LS-MW-17		1012	N	N	GW			13	3	2	1	1	1	1				4	filtered in field*
LS-MW-18		1103	N	N	GW			14	3	2	1	1	1	1	2	2	1		
LS-MW-19		1149	N	N	GW			13	3	2	1	1	1	1				4	
LS-TW-08		1240	N	N	GW			9	3	2	1	1	1	1					
LS-TW-03		1325	N	N	GW			9	3	2	1	1	1	1					
LS-Facility Water	↓	1430	G	N	W			4										4	

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	06-08-26	1610			1610
2			2		
3			3		

TAT Requested: Normal: ____ Rush: ____ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No ***Cooler Temp:*** ____ °C

> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other: _____

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B, 6010B/7470A**) and number of containers provided for each (i.e. *8260B* **- 3**, *6010B/7470A* **- 1**).

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) *Are there any known or possible hazards associated with these samples?*

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Miscellaneous RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: KVDF	**SDG/AR/COC/Work Order:** 780734		**GEL PM:** J-R
Received By: Thyasia Tatum	**Date Received at GEL:** 6/8/20		

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR2-25 Daily Calibration Performed? Y N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
N/A	IC				
N/A	IC				
N/A	IC				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): ____ CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes___ No___ (If Yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes___ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?			✓	
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials GJS Date 6/9/20

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 22 June 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 780734

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 3015279

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734001	LS-TB-060826
780734002	LS-MW-28D
780734003	LS-MW-20
780734005	LS-MW-17
780734007	LS-MW-18
780734009	LS-MW-19
780734011	LS-TW-08
780734013	LS-TW-03
1206505276	Laboratory Control Sample (LCS) **Batch 3015279**
1206505277	Laboratory Control Sample (LCS)
1206505278	Method Blank (MB)
1206505279	780734002(LS-MW-28D) Matrix Spike (MS)
1206505280	780734002(LS-MW-28D) Matrix Spike Duplicate (MSD)
1206505281	780734002(LS-MW-28D) Matrix Spike (MS)
1206505282	780734002(LS-MW-28D) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206505276 (LCS)	Bromomethane	151* (70%-130%)

	Vinyl chloride	137* (70%-130%)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 3009257

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 3009253

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734003	LS-MW-20
780734005	LS-MW-17
780734007	LS-MW-18
780734009	LS-MW-19
780734011	LS-TW-08
780734013	LS-TW-03
1206493693	Method Blank (MB) **Batch 3009257**
1206493694	Laboratory Control Sample (LCS)
1206493695	780734003(LS-MW-20) Matrix Spike (MS)
1206493696	780734003(LS-MW-20) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
Samples (See Below) did not meet surrogate recovery acceptance criteria. The samples were re-extracted and displayed similar surrogate failures. The failures were attributed to matrix interference. The original extraction results have been reported.

Sample	Analyte	Value
780734007 (LS-MW-18)	Phenol-d5	14* (15%-85%)
780734009 (LS-MW-19)	Phenol-d5	13* (15%-85%)
	p-Terphenyl-d14	18* (20%-118%)
780734011 (LS-TW-08)	2-Fluorobiphenyl	18* (32%-102%)
	2-Fluorophenol	14* (15%-72%)

	Nitrobenzene-d5	30* (31%-100%)
	Phenol-d5	10* (15%-85%)
	p-Terphenyl-d14	10* (20%-118%)
780734013 (LS-TW-03)	Phenol-d5	11* (15%-85%)

Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted out of holding and passed recovery criteria. As no target compounds were detected in either extraction, the lab reported the in-holding results.

Sample	Analyte	Value
780734005 (LS-MW-17)	Phenol-d5	12* (15%-85%)

Laboratory Control Sample (LCS) Recovery

The LCS did not meet DoDQSM spike recovery acceptance criteria. The associated DoDQSM samples in this batch were re-extracted.

Sample	Analyte	Value
1206493694 (LCS)	2, 4-Dimethylphenol	30* (31%-68%)
	Benzaldehyde	16* (27%-111%)
	Hexachlorocyclopentadiene	21* (31%-64%)

Technical Information

Sample Re-extraction/Re-analysis
Samples 780734005 (LS-MW-17), 780734007 (LS-MW-18), 780734009 (LS-MW-19), 780734011 (LS-TW-08) and 780734013 (LS-TW-03) were scheduled for re-extraction due to surrogate failure and/or batch QC failure.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

LCMSMS-Misc

Product: **Extraction and Analysis of Per- and Polyfluoroalkyl (PFAS) Substances using LC-MS/MS by Method 1633/1633A**
Analytical Method: EPA 1633
Analytical Procedure: GL-OA-E-076D REV# 8
Analytical Batches: 3010454 and 3010448

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734003	LS-MW-20
780734005	LS-MW-17
780734009	LS-MW-19
780734015	LS-Facility Water
1206495886	Method Blank (MB) **Batch 3010454**
1206495887	Laboratory Control Sample (LCS)
1206495888	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Initial Calibration
Due to a software limitation, PFTrDA is quantitated using the average areas of the labeled compound 13C2-PFTeDA only.

Quality Control (QC) Information

Internal Standard (ISTD) Acceptance
The following internal standards recovered outside the acceptance range with a positive bias. The associated native target compound was a non-detect, therefore there is no effect on the quality of the data.

Sample	Analyte	Value
780734003 (LS-MW-20)	13C5_PFPeA Recovery	132* (40%-130%)
	d3-N-MeFOSAA Recovery	205* (40%-170%)
780734005 (LS-MW-17)	13C2_4:2 FTS Recovery	210* (40%-200%)
	13C3_PFBS Recovery	193* (40%-135%)
	13C5_PFPeA Recovery	183* (40%-130%)
	13C9_PFNA Recovery	136* (40%-130%)
780734009 (LS-MW-19)	13C2_4:2 FTS Recovery	271* (40%-200%)
	13C2_6:2 FTS Recovery	276* (40%-200%)
	13C2_8:2 FTS Recovery	350* (40%-300%)
	d5-N-EtFOSAA Recovery	144* (25%-135%)
780734015 (LS-Facility Water)	13C3_PFPrOPrA Recovery	140* (40%-130%)

Technical Information

Sample Dilutions
The following samples and/or QC were diluted because the Internal Standard Recovery was not within limits in the undiluted analysis. 780734003 (LS-MW-20), 780734005 (LS-MW-17) and 780734009 (LS-MW-19).

Analyte	780734		
	003	005	009
Perfluorobutane sulfonic acid (PFBS)	10X	5X	5X
Perfluorononanoic acid (PFNA)	1X	5X	1X
Perfluorooctane sulfonamide (PFOSAm)	1X	5X	1X
Perfluoropentanoic acid (PFPeA)	5X	5X	1X

Miscellaneous Information

Manual Integrations

Sample required manual integrations in order to properly identify the peaks for PFBA, PFPeA, and PFOSA. 780734003 (LS-MW-20).
Sample required manual integrations in order to properly identify the peaks for PFBA, PFPeA, PFHxA, and PFOSA. 780734005 (LS-MW-17).
Sample required manual integrations in order to properly identify the peaks for PFBA and PFPeA. 780734009 (LS-MW-19).

Additional Comments
Total Suspended Solids (TSS) of 50 mg per sample are assessed by visual comparison.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 26
Analytical Batch: 3010513

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 3010511

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734007	LS-MW-18
1206495973	Method Blank (MB) **Batch 3010513**
1206495974	Laboratory Control Sample (LCS)
1206495975	781020011(NonSDG) Matrix Spike (MS)
1206495976	781020011(NonSDG) Matrix Spike Duplicate (MSD)
1206495979	Laboratory Control Sample (LCS)
1206496620	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Miscellaneous Information

Manual Integrations
Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206495975 (Non SDG 781020011MS)	4cmx	Result 0.756ug/L
	alpha-BHC	Result 0.538ug/L
1206495976 (Non SDG 781020011MSD)	4cmx	Result 0.794ug/L

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3535A/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 3008550

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 3008549

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734007	LS-MW-18
1206492389	Method Blank (MB) **Batch 3008550**
1206492390	Laboratory Control Sample (LCS)
1206493886	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 3008924

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 3008923

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734003	LS-MW-20
780734004	LS-MW-20 Dissolved
780734005	LS-MW-17
780734006	LS-MW-17 Dissolved
780734007	LS-MW-18
780734008	LS-MW-18 Dissolved
780734009	LS-MW-19
780734010	LS-MW-19 Dissolved
780734011	LS-TW-08
780734012	LS-TW-08 Dissolved
780734013	LS-TW-03
780734014	LS-TW-03 Dissolved
1206493107	Method Blank (MB)**ICP Batch 3008924**
1206493108	Laboratory Control Sample (LCS)
1206493112	780734003(LS-MW-20L) Serial Dilution (SD)
1206493109	780734003(LS-MW-20S) Matrix Spike (MS)
1206493110	780734003(LS-MW-20SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation Information
Samples in this SDG were prepared at a ten times dilution factor due to the dark matrix. 780734009 (LS-MW-19) and 780734011 (LS-TW-08).

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A

Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 3009278

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 43
Preparation Batch: 3009274

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734004	LS-MW-20 Dissolved
780734005	LS-MW-17
780734006	LS-MW-17 Dissolved
780734007	LS-MW-18
780734008	LS-MW-18 Dissolved
780734009	LS-MW-19
780734010	LS-MW-19 Dissolved
780734011	LS-TW-08
780734012	LS-TW-08 Dissolved
780734013	LS-TW-03
780734014	LS-TW-03 Dissolved
1206493740	Method Blank (MB)**CVAA Batch 3009278**
1206493741	Laboratory Control Sample (LCS)
1206493748	780762001(NonSDGD) Sample Duplicate (DUP)
1206493749	780762001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 3012605

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 43
Preparation Batch: 3012604

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734003	LS-MW-20
1206500146	Method Blank (MB)**CVAA Batch 3012605**
1206500147	Laboratory Control Sample (LCS)
1206500148	779756011(NonSDGD) Sample Duplicate (DUP)
1206500149	779756011(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 3008547

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 3008546

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734007	LS-MW-18
1206492376	Method Blank (MB) **Batch 3008547**
1206492377	Laboratory Control Sample (LCS)
1206492378	780313001(NonSDG) Sample Duplicate (DUP)
1206492379	780313001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 3008402

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
780734003	LS-MW-20
780734004	LS-MW-20 Dissolved
780734005	LS-MW-17
780734006	LS-MW-17 Dissolved
780734007	LS-MW-18
780734008	LS-MW-18 Dissolved
780734009	LS-MW-19
780734010	LS-MW-19 Dissolved
780734011	LS-TW-08
780734012	LS-TW-08 Dissolved

780734013	LS-TW-03
780734014	LS-TW-03 Dissolved
1206492048	Method Blank (MB) **Batch 3008402**
1206492049	Laboratory Control Sample (LCS)
1206492050	780734003(LS-MW-20) Sample Duplicate (DUP)
1206492051	780734003(LS-MW-20) Matrix Spike (MS)
1206492052	780734013(LS-TW-03) Sample Duplicate (DUP)
1206492053	780734013(LS-TW-03) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value
Hexavalent Chromium	1206492051 (LS-MW-20MS)	2.36* (85%-115%)
	1206492053 (LS-TW-03MS)	49.6* (85%-115%)

Technical Information

Sample Dilutions

The following samples 780734009 (LS-MW-19) and 780734011 (LS-TW-08) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	780734	
	009	011
Hexavalent Chromium	50X	20X

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771544

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 08, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771544 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771544 GEL Work Order: 771544

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
B The target analyte was detected in the associated blank.
E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
J Value is estimated
N/A RPD or %Recovery limits do not apply.
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TB-040826	Project:	RVDE00226C
Sample ID:	771544001	Client ID:	GEEL003
Matrix:	Water		
Collect Date:	08-APR-26 09:30		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	KE2	04/20/26	1434	2981021	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040826 Project: RVDE00226C
Sample ID: 771544001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	4.04	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.7 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.6 ug/L	50.0	99	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02	Project:	RVDE00226C
Sample ID:	771544002	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 10:15		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 6.87	2.29	6.87	ng/L	0.00909	1	JMB3	04/14/26	1605	2976456	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 6.98	2.33	6.98	ng/L	0.00909	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.82	2.27	6.82	ng/L	0.00909	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 6.91	2.30	6.91	ng/L	0.00909	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.27	2.42	7.27	ng/L	0.00909	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 18.2	6.06	18.2	ng/L	0.00909	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 18.2	6.06	18.2	ng/L	0.00909	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 36.4	12.1	36.4	ng/L	0.00909	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 36.4	12.1	36.4	ng/L	0.00909	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.27	2.42	7.27	ng/L	0.00909	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 6.87	2.29	6.87	ng/L	0.00909	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.80	2.27	6.80	ng/L	0.00909	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.64	1.21	3.64	ng/L	0.00909	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.24	1.08	3.24	ng/L	0.00909	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02 Project: RVDE00226C
Sample ID: 771544002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.64	1.21	3.64	ng/L	0.00909	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.64	1.21	3.64	ng/L	0.00909	1					
Perfluorobutane sulfonic acid (PFBS)		3.50	0.538	1.61	ng/L	0.00909	1					
Perfluorobutanoic acid (PFBA)	U	< 7.27	2.42	7.27	ng/L	0.00909	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.75	0.585	1.75	ng/L	0.00909	1					
Perfluorodecanoic acid (PFDA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.76	0.588	1.76	ng/L	0.00909	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.73	0.578	1.73	ng/L	0.00909	1					
Perfluoroheptanoic acid (PFHpA)		2.02	0.606	1.82	ng/L	0.00909	1					
Perfluorohexane sulfonic acid (PFHxS)		13.8	0.554	1.66	ng/L	0.00909	1					
Perfluorohexanoic acid (PFHxA)		2.84	0.606	1.82	ng/L	0.00909	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.75	0.585	1.75	ng/L	0.00909	1					
Perfluorononanoic acid (PFNA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Perfluorooctane sulfonic acid (PFOS)		41.9	0.563	1.69	ng/L	0.00909	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Perfluorooctanoic acid (PFOA)		4.02	0.606	1.82	ng/L	0.00909	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 1.71	0.570	1.71	ng/L	0.00909	1					
Perfluoropentanoic acid (PFPeA)		2.45	0.606	1.82	ng/L	0.00909	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.82	0.606	1.82	ng/L	0.00909	1					
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1206	2974804	2

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02 Project: RVDE00226C
Sample ID: 771544002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		703	68.0	200	ug/L	1.00	1	EM2	04/15/26	1221	2974714	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		134	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		64400	50.0	200	ug/L	1.00	1					
Chromium		52.2	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.25	1.00	5.00	ug/L	1.00	1					
Copper		26.6	3.00	20.0	ug/L	1.00	1					
Iron		20600	30.0	100	ug/L	1.00	1					
Lead	J	9.91	3.30	20.0	ug/L	1.00	1					
Magnesium		83900	110	300	ug/L	1.00	1					
Manganese		1080	2.00	10.0	ug/L	1.00	1					
Nickel		17.1	1.50	5.00	ug/L	1.00	1					
Selenium	J	9.32	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		6.82	1.00	5.00	ug/L	1.00	1					
Zinc		98.5	3.30	20.0	ug/L	1.00	1					
Potassium		33600	250	1250	ug/L	1.00	5	EM2	04/15/26	1305	2974714	4
Sodium		661000	500	1500	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.91	9.70	ug/L	0.000970	1	BM1	04/13/26	1817	2975606	5
1,2,4,5-Tetrachlorobenzene	U	ND	2.91	9.70	ug/L	0.000970	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4,5-Trichlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4,6-Trichlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4-Dichlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4-Dimethylphenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2,4-Dinitrophenol	U	ND	4.85	19.4	ug/L	0.000970	1					
2,4-Dinitrotoluene	U	ND	2.91	9.70	ug/L	0.000970	1					
2,6-Dinitrotoluene	U	ND	2.91	9.70	ug/L	0.000970	1					
2-Chloronaphthalene	U	ND	0.398	0.970	ug/L	0.000970	1					
2-Chlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02 Project: RVDE00226C
Sample ID: 771544002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
2-Methylnaphthalene	U	ND	0.291	0.970	ug/L	0.000970	1					
2-Nitrophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
3,3'-Dichlorobenzidine	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Bromophenylphenylether	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Chloro-3-methylphenol	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Chloroaniline	U	ND	3.20	9.70	ug/L	0.000970	1					
4-Chlorophenylphenylether	U	ND	2.91	9.70	ug/L	0.000970	1					
4-Nitrophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
Acenaphthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Acenaphthylene	U	ND	0.291	0.970	ug/L	0.000970	1					
Acetophenone	U	ND	2.91	9.70	ug/L	0.000970	1					
Anthracene	U	ND	0.291	0.970	ug/L	0.000970	1					
Atrazine	U	ND	2.91	9.70	ug/L	0.000970	1					
Benzaldehyde	U	ND	2.91	9.70	ug/L	0.000970	1					
Benzo(a)anthracene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(a)pyrene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(b)fluoranthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(ghi)perylene	U	ND	0.291	0.970	ug/L	0.000970	1					
Benzo(k)fluoranthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Butylbenzylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Carbazole	U	ND	0.291	0.970	ug/L	0.000970	1					
Chrysene	U	ND	0.291	0.970	ug/L	0.000970	1					
Di-n-butylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Di-n-octylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Dibenzo(a,h)anthracene	U	ND	0.291	0.970	ug/L	0.000970	1					
Dibenzofuran	U	ND	2.91	9.70	ug/L	0.000970	1					
Diethylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Dimethylphthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
Diphenylamine	U	ND	2.91	9.70	ug/L	0.000970	1					
Fluoranthene	U	ND	0.291	0.970	ug/L	0.000970	1					
Fluorene	U	ND	0.291	0.970	ug/L	0.000970	1					
Hexachlorobenzene	U	ND	2.91	9.70	ug/L	0.000970	1					
Hexachlorobutadiene	U	ND	2.91	9.70	ug/L	0.000970	1					
Hexachlorocyclopentadiene	U	ND	2.91	9.70	ug/L	0.000970	1					
Hexachloroethane	U	ND	2.91	9.70	ug/L	0.000970	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02 Project: RVDE00226C
Sample ID: 771544002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.291	0.970	ug/L	0.000970	1					
Isophorone	U	ND	3.39	9.70	ug/L	0.000970	1					
N-Nitrosodipropylamine	U	ND	2.91	9.70	ug/L	0.000970	1					
Naphthalene	U	ND	0.291	0.970	ug/L	0.000970	1					
Nitrobenzene	U	ND	2.91	9.70	ug/L	0.000970	1					
Pentachlorophenol	U	ND	2.91	9.70	ug/L	0.000970	1					
Phenanthrene	U	ND	0.291	0.970	ug/L	0.000970	1					
Phenol	U	ND	2.91	9.70	ug/L	0.000970	1					
Pyrene	U	ND	0.291	0.970	ug/L	0.000970	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.91	9.70	ug/L	0.000970	1					
bis(2-Chloroethoxy)methane	U	ND	2.91	9.70	ug/L	0.000970	1					
bis(2-Chloroethyl) ether	U	ND	2.91	9.70	ug/L	0.000970	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.291	0.970	ug/L	0.000970	1					
m,p-Cresols	U	ND	3.59	9.70	ug/L	0.000970	1					
m-Nitroaniline	U	ND	2.91	9.70	ug/L	0.000970	1					
o-Cresol	U	ND	2.91	9.70	ug/L	0.000970	1					
o-Nitroaniline	U	ND	2.91	9.70	ug/L	0.000970	1					
p-Nitroaniline	U	ND	2.91	9.70	ug/L	0.000970	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	1011	2974696	6
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	KE2	04/20/26	1459	2981021	7
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02 Project: RVDE00226C
Sample ID: 771544002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	3.80	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02 Project: RVDE00226C
Sample ID: 771544002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 1633	PFAS Extraction in Liquid - Refrigerated	BP1	04/13/26	1347	2976455
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/13/26	0832	2975605
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	22.3 ug/L	48.5	46	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	25.5 ug/L	48.5	53	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	14.7 ug/L	48.5	30	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	52.0 ug/L	97.0	54	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	16.1 ug/L	97.0	17	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	21.8 ug/L	97.0	23	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.9 ug/L	50.0	100	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.5 ug/L	50.0	107	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.1 ug/L	50.0	98	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02	Project:	RVDE00226C
Sample ID:	771544002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	771544003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 10:15		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1208	2974804	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1233	2974714	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		129	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		58000	50.0	200	ug/L	1.00	1					
Chromium	J	1.80	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	71.0	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		82900	110	300	ug/L	1.00	1					
Manganese		370	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Selenium	J	7.66	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	9.48	3.30	20.0	ug/L	1.00	1					
Potassium		33000	250	1250	ug/L	1.00	5	EM2	04/15/26	1323	2974714	3
Sodium		647000	500	1500	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	1011	2974696	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	771544003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02-DP	Project:	RVDE00226C
Sample ID:	771544004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 10:17		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 6.93	2.31	6.93	ng/L	0.00917	1	JMB3	04/14/26	1621	2976456	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 7.04	2.35	7.04	ng/L	0.00917	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.88	2.29	6.88	ng/L	0.00917	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 6.97	2.32	6.97	ng/L	0.00917	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.34	2.45	7.34	ng/L	0.00917	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 18.3	6.11	18.3	ng/L	0.00917	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 18.3	6.11	18.3	ng/L	0.00917	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 36.7	12.2	36.7	ng/L	0.00917	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 36.7	12.2	36.7	ng/L	0.00917	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.34	2.45	7.34	ng/L	0.00917	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 6.93	2.31	6.93	ng/L	0.00917	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.86	2.29	6.86	ng/L	0.00917	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.67	1.22	3.67	ng/L	0.00917	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.27	1.09	3.27	ng/L	0.00917	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02-DP
Sample ID: 771544004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.67	1.22	3.67	ng/L	0.00917	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.67	1.22	3.67	ng/L	0.00917	1					
Perfluorobutane sulfonic acid (PFBS)		3.23	0.542	1.63	ng/L	0.00917	1					
Perfluorobutanoic acid (PFBA)	U	< 7.34	2.45	7.34	ng/L	0.00917	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.77	0.590	1.77	ng/L	0.00917	1					
Perfluorodecanoic acid (PFDA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.78	0.593	1.78	ng/L	0.00917	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.75	0.583	1.75	ng/L	0.00917	1					
Perfluoroheptanoic acid (PFHpA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Perfluorohexane sulfonic acid (PFHxS)		12.2	0.559	1.68	ng/L	0.00917	1					
Perfluorohexanoic acid (PFHxA)		2.50	0.611	1.83	ng/L	0.00917	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.76	0.590	1.76	ng/L	0.00917	1					
Perfluorononanoic acid (PFNA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Perfluorooctane sulfonic acid (PFOS)		42.2	0.567	1.70	ng/L	0.00917	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Perfluorooctanoic acid (PFOA)		2.87	0.611	1.83	ng/L	0.00917	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 1.73	0.575	1.73	ng/L	0.00917	1					
Perfluoropentanoic acid (PFPeA)		2.75	0.611	1.83	ng/L	0.00917	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.83	0.611	1.83	ng/L	0.00917	1					
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1209	2974804	2

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02-DP
Sample ID: 771544004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		725	68.0	200	ug/L	1.00	1	EM2	04/15/26	1236	2974714	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		134	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		61600	50.0	200	ug/L	1.00	1					
Chromium		69.8	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.39	1.00	5.00	ug/L	1.00	1					
Copper		30.4	3.00	20.0	ug/L	1.00	1					
Iron		23100	30.0	100	ug/L	1.00	1					
Lead	J	14.0	3.30	20.0	ug/L	1.00	1					
Magnesium		83100	110	300	ug/L	1.00	1					
Manganese		1090	2.00	10.0	ug/L	1.00	1					
Nickel		21.3	1.50	5.00	ug/L	1.00	1					
Selenium	J	8.39	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		6.50	1.00	5.00	ug/L	1.00	1					
Zinc		101	3.30	20.0	ug/L	1.00	1					
Potassium		33000	250	1250	ug/L	1.00	5	EM2	04/15/26	1327	2974714	4
Sodium		653000	500	1500	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.85	9.49	ug/L	0.000949	1	BM1	04/13/26	1837	2975606	5
1,2,4,5-Tetrachlorobenzene	U	ND	2.85	9.49	ug/L	0.000949	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
2,4,5-Trichlorophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
2,4,6-Trichlorophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
2,4-Dichlorophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
2,4-Dimethylphenol	U	ND	2.85	9.49	ug/L	0.000949	1					
2,4-Dinitrophenol	U	ND	4.74	19.0	ug/L	0.000949	1					
2,4-Dinitrotoluene	U	ND	2.85	9.49	ug/L	0.000949	1					
2,6-Dinitrotoluene	U	ND	2.85	9.49	ug/L	0.000949	1					
2-Chloronaphthalene	U	ND	0.389	0.949	ug/L	0.000949	1					
2-Chlorophenol	U	ND	2.85	9.49	ug/L	0.000949	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02-DP
Sample ID: 771544004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
2-Methylnaphthalene	U	ND	0.285	0.949	ug/L	0.000949	1					
2-Nitrophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
3,3'-Dichlorobenzidine	U	ND	2.85	9.49	ug/L	0.000949	1					
4-Bromophenylphenylether	U	ND	2.85	9.49	ug/L	0.000949	1					
4-Chloro-3-methylphenol	U	ND	2.85	9.49	ug/L	0.000949	1					
4-Chloroaniline	U	ND	3.13	9.49	ug/L	0.000949	1					
4-Chlorophenylphenylether	U	ND	2.85	9.49	ug/L	0.000949	1					
4-Nitrophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
Acenaphthene	U	ND	0.285	0.949	ug/L	0.000949	1					
Acenaphthylene	U	ND	0.285	0.949	ug/L	0.000949	1					
Acetophenone	U	ND	2.85	9.49	ug/L	0.000949	1					
Anthracene	U	ND	0.285	0.949	ug/L	0.000949	1					
Atrazine	U	ND	2.85	9.49	ug/L	0.000949	1					
Benzaldehyde	U	ND	2.85	9.49	ug/L	0.000949	1					
Benzo(a)anthracene	U	ND	0.285	0.949	ug/L	0.000949	1					
Benzo(a)pyrene	U	ND	0.285	0.949	ug/L	0.000949	1					
Benzo(b)fluoranthene	U	ND	0.285	0.949	ug/L	0.000949	1					
Benzo(ghi)perylene	U	ND	0.285	0.949	ug/L	0.000949	1					
Benzo(k)fluoranthene	U	ND	0.285	0.949	ug/L	0.000949	1					
Butylbenzylphthalate	U	ND	0.285	0.949	ug/L	0.000949	1					
Carbazole	U	ND	0.285	0.949	ug/L	0.000949	1					
Chrysene	U	ND	0.285	0.949	ug/L	0.000949	1					
Di-n-butylphthalate	U	ND	0.285	0.949	ug/L	0.000949	1					
Di-n-octylphthalate	U	ND	0.285	0.949	ug/L	0.000949	1					
Dibenzo(a,h)anthracene	U	ND	0.285	0.949	ug/L	0.000949	1					
Dibenzofuran	U	ND	2.85	9.49	ug/L	0.000949	1					
Diethylphthalate	U	ND	0.285	0.949	ug/L	0.000949	1					
Dimethylphthalate	U	ND	0.285	0.949	ug/L	0.000949	1					
Diphenylamine	U	ND	2.85	9.49	ug/L	0.000949	1					
Fluoranthene	J	0.588	0.285	0.949	ug/L	0.000949	1					
Fluorene	U	ND	0.285	0.949	ug/L	0.000949	1					
Hexachlorobenzene	U	ND	2.85	9.49	ug/L	0.000949	1					
Hexachlorobutadiene	U	ND	2.85	9.49	ug/L	0.000949	1					
Hexachlorocyclopentadiene	U	ND	2.85	9.49	ug/L	0.000949	1					
Hexachloroethane	U	ND	2.85	9.49	ug/L	0.000949	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02-DP
Sample ID: 771544004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.285	0.949	ug/L	0.000949	1					
Isophorone	U	ND	3.32	9.49	ug/L	0.000949	1					
N-Nitrosodipropylamine	U	ND	2.85	9.49	ug/L	0.000949	1					
Naphthalene	U	ND	0.285	0.949	ug/L	0.000949	1					
Nitrobenzene	U	ND	2.85	9.49	ug/L	0.000949	1					
Pentachlorophenol	U	ND	2.85	9.49	ug/L	0.000949	1					
Phenanthrene	U	ND	0.285	0.949	ug/L	0.000949	1					
Phenol	U	ND	2.85	9.49	ug/L	0.000949	1					
Pyrene	J	0.408	0.285	0.949	ug/L	0.000949	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.85	9.49	ug/L	0.000949	1					
bis(2-Chloroethoxy)methane	U	ND	2.85	9.49	ug/L	0.000949	1					
bis(2-Chloroethyl) ether	U	ND	2.85	9.49	ug/L	0.000949	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.285	0.949	ug/L	0.000949	1					
m,p-Cresols	U	ND	3.51	9.49	ug/L	0.000949	1					
m-Nitroaniline	U	ND	2.85	9.49	ug/L	0.000949	1					
o-Cresol	U	ND	2.85	9.49	ug/L	0.000949	1					
o-Nitroaniline	U	ND	2.85	9.49	ug/L	0.000949	1					
p-Nitroaniline	U	ND	2.85	9.49	ug/L	0.000949	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	1011	2974696	6
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	KE2	04/20/26	1525	2981021	7
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02-DP
Sample ID: 771544004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	3.49	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-02-DP
Sample ID: 771544004
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 1633	PFAS Extraction in Liquid - Refrigerated	BP1	04/13/26	1347	2976455
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/13/26	0832	2975605

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	21.5 ug/L	47.4	45	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	24.0 ug/L	47.4	51	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	12.0 ug/L	47.4	25	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	48.4 ug/L	94.9	51	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.0 ug/L	94.9	16	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	19.7 ug/L	94.9	21	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.5 ug/L	50.0	107	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.4 ug/L	50.0	99	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02-DP	Project:	RVDE00226C
Sample ID:	771544004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02-DP Field Filtered	Project:	RVDE00226C
Sample ID:	771544005	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 10:17		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1211	2974804	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1239	2974714	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		129	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		59200	50.0	200	ug/L	1.00	1					
Chromium	J	1.47	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	61.6	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		84300	110	300	ug/L	1.00	1					
Manganese		372	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Selenium	J	13.3	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	9.63	3.30	20.0	ug/L	1.00	1					
Potassium		32900	250	1250	ug/L	1.00	5	EM2	04/15/26	1329	2974714	3
Sodium		652000	500	1500	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	1011	2974696	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-02-DP Field Filtered	Project:	RVDE00226C
Sample ID:	771544005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-01	Project:	RVDE00226C
Sample ID:	771544006	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 11:00		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 23.9	7.97	23.9	ng/L	0.0316	1	JMB3	04/17/26	1559	2978823	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 24.3	8.10	24.3	ng/L	0.0316	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 23.7	7.91	23.7	ng/L	0.0316	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 24.0	8.01	24.0	ng/L	0.0316	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 25.3	8.43	25.3	ng/L	0.0316	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 63.2	21.1	63.2	ng/L	0.0316	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 63.2	21.1	63.2	ng/L	0.0316	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 126	42.2	126	ng/L	0.0316	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 126	42.2	126	ng/L	0.0316	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 25.3	8.43	25.3	ng/L	0.0316	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 23.9	7.97	23.9	ng/L	0.0316	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 23.7	7.88	23.7	ng/L	0.0316	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 12.6	4.22	12.6	ng/L	0.0316	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 11.3	3.75	11.3	ng/L	0.0316	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-01 Project: RVDE00226C
Sample ID: 771544006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 12.6	4.22	12.6	ng/L	0.0316	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 12.6	4.22	12.6	ng/L	0.0316	1					
Perfluorobutane sulfonic acid (PFBS)	U	< 5.61	1.87	5.61	ng/L	0.0316	1					
Perfluorobutanoic acid (PFBA)	U	< 25.3	8.43	25.3	ng/L	0.0316	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 6.10	2.03	6.10	ng/L	0.0316	1					
Perfluorodecanoic acid (PFDA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 6.13	2.05	6.13	ng/L	0.0316	1					
Perfluorododecanoic acid (PFDOA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 6.03	2.01	6.03	ng/L	0.0316	1					
Perfluoroheptanoic acid (PFHpA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluorohexane sulfonic acid (PFHxS)		8.06	1.93	5.78	ng/L	0.0316	1					
Perfluorohexanoic acid (PFHxA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluorononane sulfonic acid (PFNS)	U	< 6.08	2.03	6.08	ng/L	0.0316	1					
Perfluorononanoic acid (PFNA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluorooctane sulfonic acid (PFOS)		27.1	1.96	5.87	ng/L	0.0316	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluorooctanoic acid (PFOA)		12.1	2.11	6.32	ng/L	0.0316	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 5.95	1.98	5.95	ng/L	0.0316	1					
Perfluoropentanoic acid (PFPeA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 6.32	2.11	6.32	ng/L	0.0316	1					
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1213	2974804	2

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-01 Project: RVDE00226C
Sample ID: 771544006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		121000	68.0	200	ug/L	1.00	1	EM2	04/15/26	1248	2974714	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	12.4	5.00	30.0	ug/L	1.00	1					
Barium		14.4	1.00	5.00	ug/L	1.00	1					
Beryllium		5.69	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		200000	50.0	200	ug/L	1.00	1					
Chromium		11.5	1.00	10.0	ug/L	1.00	1					
Cobalt		5.86	1.00	5.00	ug/L	1.00	1					
Copper	J	8.97	3.00	20.0	ug/L	1.00	1					
Iron		117000	30.0	100	ug/L	1.00	1					
Lead	J	10.3	3.30	20.0	ug/L	1.00	1					
Magnesium		79900	110	300	ug/L	1.00	1					
Manganese		4380	2.00	10.0	ug/L	1.00	1					
Nickel		11.9	1.50	5.00	ug/L	1.00	1					
Potassium		20600	50.0	250	ug/L	1.00	1					
Selenium	J	11.0	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		345000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		24.3	1.00	5.00	ug/L	1.00	1					
Zinc		49.0	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.90	9.66	ug/L	0.000966	1	BM1	04/13/26	1858	2975606	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.90	9.66	ug/L	0.000966	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
2,4,5-Trichlorophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
2,4,6-Trichlorophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
2,4-Dichlorophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
2,4-Dimethylphenol	U	ND	2.90	9.66	ug/L	0.000966	1					
2,4-Dinitrophenol	U	ND	4.83	19.3	ug/L	0.000966	1					
2,4-Dinitrotoluene	U	ND	2.90	9.66	ug/L	0.000966	1					
2,6-Dinitrotoluene	U	ND	2.90	9.66	ug/L	0.000966	1					
2-Chloronaphthalene	U	ND	0.396	0.966	ug/L	0.000966	1					
2-Chlorophenol	U	ND	2.90	9.66	ug/L	0.000966	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-01 Project: RVDE00226C
Sample ID: 771544006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
2-Methylnaphthalene	U	ND	0.290	0.966	ug/L	0.000966	1					
2-Nitrophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
3,3'-Dichlorobenzidine	U	ND	2.90	9.66	ug/L	0.000966	1					
4-Bromophenylphenylether	U	ND	2.90	9.66	ug/L	0.000966	1					
4-Chloro-3-methylphenol	U	ND	2.90	9.66	ug/L	0.000966	1					
4-Chloroaniline	U	ND	3.19	9.66	ug/L	0.000966	1					
4-Chlorophenylphenylether	U	ND	2.90	9.66	ug/L	0.000966	1					
4-Nitrophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
Acenaphthene	U	ND	0.290	0.966	ug/L	0.000966	1					
Acenaphthylene	U	ND	0.290	0.966	ug/L	0.000966	1					
Acetophenone	U	ND	2.90	9.66	ug/L	0.000966	1					
Anthracene	U	ND	0.290	0.966	ug/L	0.000966	1					
Atrazine	U	ND	2.90	9.66	ug/L	0.000966	1					
Benzaldehyde	U	ND	2.90	9.66	ug/L	0.000966	1					
Benzo(a)anthracene	U	ND	0.290	0.966	ug/L	0.000966	1					
Benzo(a)pyrene	U	ND	0.290	0.966	ug/L	0.000966	1					
Benzo(b)fluoranthene	U	ND	0.290	0.966	ug/L	0.000966	1					
Benzo(ghi)perylene	U	ND	0.290	0.966	ug/L	0.000966	1					
Benzo(k)fluoranthene	U	ND	0.290	0.966	ug/L	0.000966	1					
Butylbenzylphthalate	U	ND	0.290	0.966	ug/L	0.000966	1					
Carbazole	U	ND	0.290	0.966	ug/L	0.000966	1					
Chrysene	U	ND	0.290	0.966	ug/L	0.000966	1					
Di-n-butylphthalate	U	ND	0.290	0.966	ug/L	0.000966	1					
Di-n-octylphthalate	U	ND	0.290	0.966	ug/L	0.000966	1					
Dibenzo(a,h)anthracene	U	ND	0.290	0.966	ug/L	0.000966	1					
Dibenzofuran	U	ND	2.90	9.66	ug/L	0.000966	1					
Diethylphthalate	U	ND	0.290	0.966	ug/L	0.000966	1					
Dimethylphthalate	U	ND	0.290	0.966	ug/L	0.000966	1					
Diphenylamine	U	ND	2.90	9.66	ug/L	0.000966	1					
Fluoranthene	U	ND	0.290	0.966	ug/L	0.000966	1					
Fluorene	U	ND	0.290	0.966	ug/L	0.000966	1					
Hexachlorobenzene	U	ND	2.90	9.66	ug/L	0.000966	1					
Hexachlorobutadiene	U	ND	2.90	9.66	ug/L	0.000966	1					
Hexachlorocyclopentadiene	U	ND	2.90	9.66	ug/L	0.000966	1					
Hexachloroethane	U	ND	2.90	9.66	ug/L	0.000966	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-01 Project: RVDE00226C
Sample ID: 771544006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.290	0.966	ug/L	0.000966	1					
Isophorone	U	ND	3.38	9.66	ug/L	0.000966	1					
N-Nitrosodipropylamine	U	ND	2.90	9.66	ug/L	0.000966	1					
Naphthalene	U	ND	0.290	0.966	ug/L	0.000966	1					
Nitrobenzene	U	ND	2.90	9.66	ug/L	0.000966	1					
Pentachlorophenol	U	ND	2.90	9.66	ug/L	0.000966	1					
Phenanthrene	U	ND	0.290	0.966	ug/L	0.000966	1					
Phenol	U	ND	2.90	9.66	ug/L	0.000966	1					
Pyrene	U	ND	0.290	0.966	ug/L	0.000966	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.90	9.66	ug/L	0.000966	1					
bis(2-Chloroethoxy)methane	U	ND	2.90	9.66	ug/L	0.000966	1					
bis(2-Chloroethyl) ether	U	ND	2.90	9.66	ug/L	0.000966	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.290	0.966	ug/L	0.000966	1					
m,p-Cresols	U	ND	3.57	9.66	ug/L	0.000966	1					
m-Nitroaniline	U	ND	2.90	9.66	ug/L	0.000966	1					
o-Cresol	U	ND	2.90	9.66	ug/L	0.000966	1					
o-Nitroaniline	U	ND	2.90	9.66	ug/L	0.000966	1					
p-Nitroaniline	U	ND	2.90	9.66	ug/L	0.000966	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	1011	2974696	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	KE2	04/20/26	1550	2981021	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-01 Project: RVDE00226C
Sample ID: 771544006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	3.38	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-01 Project: RVDE00226C
Sample ID: 771544006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/13/26	0832	2975605
EPA 1633	PFAS Extraction in Liquid - Refrigerated	BP1	04/16/26	1325	2978822

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	18.5 ug/L	48.3	38	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	20.5 ug/L	48.3	42	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	13.3 ug/L	48.3	28	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	40.1 ug/L	96.6	41	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.1 ug/L	96.6	16	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	22.5 ug/L	96.6	23	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.4 ug/L	50.0	99	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.2 ug/L	50.0	106	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.0 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-01	Project:	RVDE00226C
Sample ID:	771544006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	771544007	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 11:00		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1214	2974804	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		123000	68.0	200	ug/L	1.00	1	EM2	04/15/26	1251	2974714	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	11.9	5.00	30.0	ug/L	1.00	1					
Barium		13.8	1.00	5.00	ug/L	1.00	1					
Beryllium		5.55	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		196000	50.0	200	ug/L	1.00	1					
Chromium	J	7.42	1.00	10.0	ug/L	1.00	1					
Cobalt		5.87	1.00	5.00	ug/L	1.00	1					
Copper	J	5.75	3.00	20.0	ug/L	1.00	1					
Iron		110000	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		79000	110	300	ug/L	1.00	1					
Manganese		4200	2.00	10.0	ug/L	1.00	1					
Nickel		10.2	1.50	5.00	ug/L	1.00	1					
Potassium		20600	50.0	250	ug/L	1.00	1					
Selenium	J	16.0	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		349000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		23.3	1.00	5.00	ug/L	1.00	1					
Zinc		23.0	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	1011	2974696	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	771544007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-03	Project:	RVDE00226C
Sample ID:	771544008	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 12:30		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 6.63	2.21	6.63	ng/L	0.00877	1	JMB3	04/17/26	1615	2978823	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 6.73	2.24	6.73	ng/L	0.00877	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 6.58	2.19	6.58	ng/L	0.00877	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 6.66	2.22	6.66	ng/L	0.00877	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.01	2.34	7.01	ng/L	0.00877	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 17.5	5.84	17.5	ng/L	0.00877	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 17.5	5.84	17.5	ng/L	0.00877	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 35.1	11.7	35.1	ng/L	0.00877	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 35.1	11.7	35.1	ng/L	0.00877	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.01	2.34	7.01	ng/L	0.00877	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 6.63	2.21	6.63	ng/L	0.00877	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 6.56	2.19	6.56	ng/L	0.00877	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.51	1.17	3.51	ng/L	0.00877	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.12	1.04	3.12	ng/L	0.00877	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-03 Project: RVDE00226C
Sample ID: 771544008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.51	1.17	3.51	ng/L	0.00877	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.51	1.17	3.51	ng/L	0.00877	1					
Perfluorobutane sulfonic acid (PFBS)		5.50	0.518	1.56	ng/L	0.00877	1					
Perfluorobutanoic acid (PFBA)		10.3	2.34	7.01	ng/L	0.00877	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.69	0.564	1.69	ng/L	0.00877	1					
Perfluorodecanoic acid (PFDA)		12.4	0.585	1.75	ng/L	0.00877	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.70	0.567	1.70	ng/L	0.00877	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.67	0.557	1.67	ng/L	0.00877	1					
Perfluoroheptanoic acid (PFHpA)		8.23	0.585	1.75	ng/L	0.00877	1					
Perfluorohexane sulfonic acid (PFHxS)		4.23	0.534	1.60	ng/L	0.00877	1					
Perfluorohexanoic acid (PFHxA)		12.1	0.585	1.75	ng/L	0.00877	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.69	0.564	1.69	ng/L	0.00877	1					
Perfluorononanoic acid (PFNA)		7.15	0.585	1.75	ng/L	0.00877	1					
Perfluorooctane sulfonic acid (PFOS)		35.0	0.542	1.63	ng/L	0.00877	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
Perfluorooctanoic acid (PFOA)		29.2	0.585	1.75	ng/L	0.00877	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 1.65	0.550	1.65	ng/L	0.00877	1					
Perfluoropentanoic acid (PFPeA)		16.7	0.585	1.75	ng/L	0.00877	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.75	0.585	1.75	ng/L	0.00877	1					
Perfluoroundecanoic acid (PFUnDA)		8.29	0.585	1.75	ng/L	0.00877	1					
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.188	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1216	2974804	2

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-03 Project: RVDE00226C
Sample ID: 771544008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		8720	68.0	200	ug/L	1.00	1	EM2	04/15/26	1253	2974714	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	12.4	5.00	30.0	ug/L	1.00	1					
Barium		96.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	J	1.41	1.00	5.00	ug/L	1.00	1					
Calcium		178000	50.0	200	ug/L	1.00	1					
Chromium		99.6	1.00	10.0	ug/L	1.00	1					
Cobalt		6.95	1.00	5.00	ug/L	1.00	1					
Copper		130	3.00	20.0	ug/L	1.00	1					
Iron		37700	30.0	100	ug/L	1.00	1					
Lead		105	3.30	20.0	ug/L	1.00	1					
Magnesium		278000	110	300	ug/L	1.00	1					
Manganese		3110	2.00	10.0	ug/L	1.00	1					
Nickel		34.4	1.50	5.00	ug/L	1.00	1					
Selenium	J	17.5	6.00	30.0	ug/L	1.00	1					
Silver	J	1.28	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		73.8	1.00	5.00	ug/L	1.00	1					
Zinc		603	3.30	20.0	ug/L	1.00	1					
Potassium		85900	250	1250	ug/L	1.00	5	EM2	04/15/26	1333	2974714	4
Sodium		2200000	500	1500	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.40	ug/L	0.000940	1	LL2	04/16/26	1758	2977541	5
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,6-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dimethylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000940	1					
2,4-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,6-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Chloronaphthalene	U	ND	0.385	0.940	ug/L	0.000940	1					
2-Chlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-03	Project:	RVDE00226C
Sample ID:	771544008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methylnaphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
2-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Bromophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloroaniline	U	ND	3.10	9.40	ug/L	0.000940	1					
4-Chlorophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Acenaphthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acenaphthylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acetophenone	U	ND	2.82	9.40	ug/L	0.000940	1					
Anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Atrazine	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzaldehyde	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzo(a)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(a)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(b)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(ghi)perylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(k)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Butylbenzylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Carbazole	U	ND	0.282	0.940	ug/L	0.000940	1					
Chrysene	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-butylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-octylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzofuran	U	ND	2.82	9.40	ug/L	0.000940	1					
Diethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dimethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Diphenylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Fluorene	U	ND	0.282	0.940	ug/L	0.000940	1					
Hexachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorobutadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachloroethane	U	ND	2.82	9.40	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-03 Project: RVDE00226C
Sample ID: 771544008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Isophorone	U	ND	3.29	9.40	ug/L	0.000940	1					
N-Nitrosodipropylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Naphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
Nitrobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Pentachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Phenanthrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Phenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
m,p-Cresols	U	ND	3.48	9.40	ug/L	0.000940	1					
m-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Cresol	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
p-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	04/09/26	1012	2974696	6
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	KE2	04/20/26	1615	2981021	7
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-03
Sample ID: 771544008
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	3.30	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-03 Project: RVDE00226C
Sample ID: 771544008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/13/26	0832	2975605
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
EPA 1633	PFAS Extraction in Liquid - Refrigerated	BP1	04/16/26	1325	2978822
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.3 ug/L	47.0	58	(32%-102%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.3 ug/L	47.0	58	(31%-100%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	16.2 ug/L	47.0	34	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	49.8 ug/L	94.0	53	(28%-113%)
2-Fluorophenol	8270 TCL BNA "As Received"	23.8 ug/L	94.0	25	(15%-72%)
Phenol-d5	8270 TCL BNA "As Received"	15.7 ug/L	94.0	17	(15%-85%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	49.9 ug/L	50.0	100	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	54.0 ug/L	50.0	108	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.4 ug/L	50.0	99	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-03	Project:	RVDE00226C
Sample ID:	771544008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-03 Field Filtered	Project:	RVDE00226C
Sample ID:	771544009	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 12:30		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1217	2974804	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1256	2974714	2
Antimony	J	7.57	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		45.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		144000	50.0	200	ug/L	1.00	1					
Chromium	J	2.94	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	5.14	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		282000	110	300	ug/L	1.00	1					
Manganese		138	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Selenium	J	13.4	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.59	1.00	5.00	ug/L	1.00	1					
Zinc	J	16.4	3.30	20.0	ug/L	1.00	1					
Potassium		85000	500	2500	ug/L	1.00	10	EM2	04/15/26	1347	2974714	3
Sodium		2240000	1000	3000	ug/L	1.00	10					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	04/09/26	1012	2974696	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-03 Field Filtered	Project:	RVDE00226C
Sample ID:	771544009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-04	Project:	RVDE00226C
Sample ID:	771544010	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 14:15		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	U	< 7.12	2.37	7.12	ng/L	0.00942	1	JMB3	04/17/26	1631	2978823	1
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	U	< 7.23	2.41	7.23	ng/L	0.00942	1					
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	U	< 7.06	2.35	7.06	ng/L	0.00942	1					
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	U	< 7.16	2.39	7.16	ng/L	0.00942	1					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	U	< 7.53	2.51	7.53	ng/L	0.00942	1					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	U	< 18.8	6.28	18.8	ng/L	0.00942	1					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	U	< 18.8	6.28	18.8	ng/L	0.00942	1					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	U	< 37.7	12.6	37.7	ng/L	0.00942	1					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	U	< 37.7	12.6	37.7	ng/L	0.00942	1					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	U	< 7.53	2.51	7.53	ng/L	0.00942	1					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	U	< 7.12	2.37	7.12	ng/L	0.00942	1					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	U	< 7.04	2.35	7.04	ng/L	0.00942	1					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
N-Methylperfluorooctane sulfonamide (NMeFOSA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	U	< 3.77	1.26	3.77	ng/L	0.00942	1					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	U	< 3.35	1.12	3.35	ng/L	0.00942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-04 Project: RVDE00226C
Sample ID: 771544010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
LCMSMS PFCs												
PFAS by LC-MS/MS EPA 1633 - LIQUID "As Received"												
Perfluoro-3-methoxypropanoic acid (PFMPA)	U	< 3.77	1.26	3.77	ng/L	0.00942	1					
Perfluoro-4-methoxybutanoic acid (PFMBA)	U	< 3.77	1.26	3.77	ng/L	0.00942	1					
Perfluorobutane sulfonic acid (PFBS)		4.03	0.557	1.67	ng/L	0.00942	1					
Perfluorobutanoic acid (PFBA)	U	< 7.53	2.51	7.53	ng/L	0.00942	1					
Perfluorodecane sulfonic acid (PFDS)	U	< 1.82	0.606	1.82	ng/L	0.00942	1					
Perfluorodecanoic acid (PFDA)		2.92	0.628	1.88	ng/L	0.00942	1					
Perfluorododecane sulfonic acid (PFDoS)	U	< 1.83	0.609	1.83	ng/L	0.00942	1					
Perfluorododecanoic acid (PFDOA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
Perfluoroheptane sulfonic acid (PFHpS)	U	< 1.79	0.598	1.79	ng/L	0.00942	1					
Perfluoroheptanoic acid (PFHpA)		2.77	0.628	1.88	ng/L	0.00942	1					
Perfluorohexane sulfonic acid (PFHxS)	U	< 1.72	0.574	1.72	ng/L	0.00942	1					
Perfluorohexanoic acid (PFHxA)		3.32	0.628	1.88	ng/L	0.00942	1					
Perfluorononane sulfonic acid (PFNS)	U	< 1.81	0.606	1.81	ng/L	0.00942	1					
Perfluorononanoic acid (PFNA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
Perfluorooctane sulfonic acid (PFOS)		12.2	0.583	1.75	ng/L	0.00942	1					
Perfluorooctane sulfonamide (PFOSAm)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
Perfluorooctanoic acid (PFOA)		4.44	0.628	1.88	ng/L	0.00942	1					
Perfluoropentane sulfonic acid (PFPeS)	U	< 1.77	0.591	1.77	ng/L	0.00942	1					
Perfluoropentanoic acid (PFPeA)		3.58	0.628	1.88	ng/L	0.00942	1					
Perfluorotetradecanoic acid (PFTDA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
Perfluorotridecanoic acid (PFTrDA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
Perfluoroundecanoic acid (PFUnDA)	U	< 1.88	0.628	1.88	ng/L	0.00942	1					
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury		0.201	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1222	2974804	2

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-04 Project: RVDE00226C
Sample ID: 771544010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		14400	68.0	200	ug/L	1.00	1	EM2	04/15/26	1259	2974714	3
Antimony	J	7.47	3.50	20.0	ug/L	1.00	1					
Arsenic	J	9.94	5.00	30.0	ug/L	1.00	1					
Barium		267	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium		15.8	1.00	5.00	ug/L	1.00	1					
Calcium		269000	50.0	200	ug/L	1.00	1					
Chromium		266	1.00	10.0	ug/L	1.00	1					
Cobalt	J	3.03	1.00	5.00	ug/L	1.00	1					
Copper		135	3.00	20.0	ug/L	1.00	1					
Iron		47700	30.0	100	ug/L	1.00	1					
Lead		704	3.30	20.0	ug/L	1.00	1					
Magnesium		252000	110	300	ug/L	1.00	1					
Manganese		5080	2.00	10.0	ug/L	1.00	1					
Nickel		20.6	1.50	5.00	ug/L	1.00	1					
Selenium	J	17.8	6.00	30.0	ug/L	1.00	1					
Silver		6.61	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		178	1.00	5.00	ug/L	1.00	1					
Zinc		4710	3.30	20.0	ug/L	1.00	1					
Potassium		64800	250	1250	ug/L	1.00	5	EM2	04/15/26	1340	2974714	4
Sodium		1620000	500	1500	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.95	9.82	ug/L	0.000982	1	LL2	04/16/26	1821	2977541	5
1,2,4,5-Tetrachlorobenzene	U	ND	2.95	9.82	ug/L	0.000982	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
2,4,5-Trichlorophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
2,4,6-Trichlorophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
2,4-Dichlorophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
2,4-Dimethylphenol	U	ND	2.95	9.82	ug/L	0.000982	1					
2,4-Dinitrophenol	U	ND	4.91	19.6	ug/L	0.000982	1					
2,4-Dinitrotoluene	U	ND	2.95	9.82	ug/L	0.000982	1					
2,6-Dinitrotoluene	U	ND	2.95	9.82	ug/L	0.000982	1					
2-Chloronaphthalene	U	ND	0.403	0.982	ug/L	0.000982	1					
2-Chlorophenol	U	ND	2.95	9.82	ug/L	0.000982	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-04 Project: RVDE00226C
Sample ID: 771544010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2-Methyl-4,6-dinitrophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
2-Methylnaphthalene	U	ND	0.295	0.982	ug/L	0.000982	1					
2-Nitrophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
3,3'-Dichlorobenzidine	U	ND	2.95	9.82	ug/L	0.000982	1					
4-Bromophenylphenylether	U	ND	2.95	9.82	ug/L	0.000982	1					
4-Chloro-3-methylphenol	U	ND	2.95	9.82	ug/L	0.000982	1					
4-Chloroaniline	U	ND	3.24	9.82	ug/L	0.000982	1					
4-Chlorophenylphenylether	U	ND	2.95	9.82	ug/L	0.000982	1					
4-Nitrophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
Acenaphthene	U	ND	0.295	0.982	ug/L	0.000982	1					
Acenaphthylene	J	0.422	0.295	0.982	ug/L	0.000982	1					
Acetophenone	U	ND	2.95	9.82	ug/L	0.000982	1					
Anthracene	U	ND	0.295	0.982	ug/L	0.000982	1					
Atrazine	U	ND	2.95	9.82	ug/L	0.000982	1					
Benzaldehyde	U	ND	2.95	9.82	ug/L	0.000982	1					
Benzo(a)anthracene	J	0.570	0.295	0.982	ug/L	0.000982	1					
Benzo(a)pyrene	J	0.736	0.295	0.982	ug/L	0.000982	1					
Benzo(b)fluoranthene		1.42	0.295	0.982	ug/L	0.000982	1					
Benzo(ghi)perylene	J	0.795	0.295	0.982	ug/L	0.000982	1					
Benzo(k)fluoranthene	J	0.422	0.295	0.982	ug/L	0.000982	1					
Butylbenzylphthalate	U	ND	0.295	0.982	ug/L	0.000982	1					
Carbazole	U	ND	0.295	0.982	ug/L	0.000982	1					
Chrysene	J	0.913	0.295	0.982	ug/L	0.000982	1					
Di-n-butylphthalate	U	ND	0.295	0.982	ug/L	0.000982	1					
Di-n-octylphthalate	U	ND	0.295	0.982	ug/L	0.000982	1					
Dibenzo(a,h)anthracene	U	ND	0.295	0.982	ug/L	0.000982	1					
Dibenzofuran	U	ND	2.95	9.82	ug/L	0.000982	1					
Diethylphthalate	U	ND	0.295	0.982	ug/L	0.000982	1					
Dimethylphthalate	U	ND	0.295	0.982	ug/L	0.000982	1					
Diphenylamine	U	ND	2.95	9.82	ug/L	0.000982	1					
Fluoranthene	J	0.599	0.295	0.982	ug/L	0.000982	1					
Fluorene	U	ND	0.295	0.982	ug/L	0.000982	1					
Hexachlorobenzene	U	ND	2.95	9.82	ug/L	0.000982	1					
Hexachlorobutadiene	U	ND	2.95	9.82	ug/L	0.000982	1					
Hexachlorocyclopentadiene	U	ND	2.95	9.82	ug/L	0.000982	1					
Hexachloroethane	U	ND	2.95	9.82	ug/L	0.000982	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-04 Project: RVDE00226C
Sample ID: 771544010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Indeno(1,2,3-cd)pyrene	J	0.805	0.295	0.982	ug/L	0.000982	1					
Isophorone	U	ND	3.44	9.82	ug/L	0.000982	1					
N-Nitrosodipropylamine	U	ND	2.95	9.82	ug/L	0.000982	1					
Naphthalene	U	ND	0.295	0.982	ug/L	0.000982	1					
Nitrobenzene	U	ND	2.95	9.82	ug/L	0.000982	1					
Pentachlorophenol	U	ND	2.95	9.82	ug/L	0.000982	1					
Phenanthrene	U	ND	0.295	0.982	ug/L	0.000982	1					
Phenol	U	ND	2.95	9.82	ug/L	0.000982	1					
Pyrene		0.982	0.295	0.982	ug/L	0.000982	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.95	9.82	ug/L	0.000982	1					
bis(2-Chloroethoxy)methane	U	ND	2.95	9.82	ug/L	0.000982	1					
bis(2-Chloroethyl) ether	U	ND	2.95	9.82	ug/L	0.000982	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.295	0.982	ug/L	0.000982	1					
m,p-Cresols	U	ND	3.63	9.82	ug/L	0.000982	1					
m-Nitroaniline	U	ND	2.95	9.82	ug/L	0.000982	1					
o-Cresol	U	ND	2.95	9.82	ug/L	0.000982	1					
o-Nitroaniline	U	ND	2.95	9.82	ug/L	0.000982	1					
p-Nitroaniline	U	ND	2.95	9.82	ug/L	0.000982	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	04/09/26	1012	2974696	6
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	KE2	04/20/26	1640	2981021	7
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-PW-04 Project: RVDE00226C
Sample ID: 771544010 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	3.06	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-04	Project:	RVDE00226C
Sample ID:	771544010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	DG3	04/13/26	0832	2975605
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
EPA 1633	PFAS Extraction in Liquid - Refrigerated	BP1	04/16/26	1325	2978822

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 1633	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3005A/6010D	
5	SW846 3510C/8270E	
6	SW846 7196A	
7	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "As Received"	31.2 ug/L	49.1	63	(32%-102%)
Nitrobenzene-d5	8270 TCL BNA "As Received"	30.3 ug/L	49.1	62	(31%-100%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	22.2 ug/L	49.1	45	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	38.3 ug/L	98.2	39	(28%-113%)
2-Fluorophenol	8270 TCL BNA "As Received"	22.7 ug/L	98.2	23	(15%-72%)
Phenol-d5	8270 TCL BNA "As Received"	16.3 ug/L	98.2	17	(15%-85%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.9 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.7 ug/L	50.0	105	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.7 ug/L	50.0	99	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-04	Project:	RVDE00226C
Sample ID:	771544010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-04	Project:	RVDE00226C
Sample ID:	771544011	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	08-APR-26 14:15		
Receive Date:	08-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	04/10/26	1224	2974804	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1302	2974714	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		129	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		181000	50.0	200	ug/L	1.00	1					
Chromium		12.9	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		217000	110	300	ug/L	1.00	1					
Manganese		10.1	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.64	1.00	5.00	ug/L	1.00	1					
Zinc		30.0	3.30	20.0	ug/L	1.00	1					
Potassium		60300	250	1250	ug/L	1.00	5	EM2	04/15/26	1343	2974714	3
Sodium		1480000	500	1500	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00922	0.00300	0.0100	mg/L		1	BR2	04/09/26	1012	2974696	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	04/09/26	1520	2974803
SW846 3005A	SW846 3005A for 6010D	ES3	04/09/26	0800	2974713

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-PW-04	Project:	RVDE00226C
Sample ID:	771544011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2974714											
QC1206430769 LCS											
Aluminum	5000			5050	ug/L		101	(80%-120%)	EM2	04/15/26	12:18
Antimony	500			484	ug/L		96.8	(80%-120%)			
Arsenic	500			505	ug/L		101	(80%-120%)			
Barium	500			495	ug/L		98.9	(80%-120%)			
Beryllium	500			496	ug/L		99.1	(80%-120%)			
Cadmium	500			500	ug/L		100	(80%-120%)			
Calcium	5000			5210	ug/L		104	(80%-120%)			
Chromium	500			504	ug/L		101	(80%-120%)			
Cobalt	500			498	ug/L		99.6	(80%-120%)			
Copper	500			492	ug/L		98.4	(80%-120%)			
Iron	5000			5160	ug/L		103	(80%-120%)			
Lead	500			501	ug/L		100	(80%-120%)			

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974714										
Magnesium	5000			5250	ug/L		105	(80%-120%)	EM2	04/15/26 12:18
Manganese	500			500	ug/L		100	(80%-120%)		
Nickel	500			495	ug/L		99	(80%-120%)		
Potassium	5000			4960	ug/L		99.2	(80%-120%)		
Selenium	500			492	ug/L		98.5	(80%-120%)		
Silver	100			96.8	ug/L		96.8	(80%-120%)		
Sodium	5000			4940	ug/L		98.8	(80%-120%)		
Thallium	500			493	ug/L		98.7	(80%-120%)		
Vanadium	500			498	ug/L		99.6	(80%-120%)		
Zinc	500			480	ug/L		96	(80%-120%)		
QC1206430768 MB										
Aluminum			U	ND	ug/L					04/15/26 12:15
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974714										
Beryllium			U	ND	ug/L				EM2	04/15/26 12:15
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			J	60.3	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974714											
Sodium				U	ND	ug/L				EM2	04/15/26 12:15
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206430770 771544002 MS											
Aluminum	5000		703		5870	ug/L		103	(75%-125%)		04/15/26 12:23
Antimony	500	U	ND		503	ug/L		101	(75%-125%)		
Arsenic	500	U	ND		543	ug/L		109	(75%-125%)		
Barium	500		134		609	ug/L		94.9	(75%-125%)		
Beryllium	500	U	ND		495	ug/L		99	(75%-125%)		
Cadmium	500	U	ND		478	ug/L		95.6	(75%-125%)		
Calcium	5000		64400		70400	ug/L		N/A	(75%-125%)		
Chromium	500		52.2		541	ug/L		97.9	(75%-125%)		
Cobalt	500	J	1.25		479	ug/L		95.5	(75%-125%)		
Copper	500		26.6		521	ug/L		98.9	(75%-125%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974714											
Iron	5000		20600		22600	ug/L		N/A	(75%-125%)	EM2	04/15/26 12:23
Lead	500	J	9.91		487	ug/L		95.4	(75%-125%)		
Magnesium	5000		83900		90000	ug/L		N/A	(75%-125%)		
Manganese	500		1080		1530	ug/L		88.7	(75%-125%)		
Nickel	500		17.1		485	ug/L		93.6	(75%-125%)		
Potassium	5000		33600		38400	ug/L		N/A	(75%-125%)		04/15/26 13:08
Selenium	500	J	9.32		456	ug/L		89.4	(75%-125%)		04/15/26 12:23
Silver	100	U	ND		99.6	ug/L		99.3	(75%-125%)		
Sodium	5000		661000		663000	ug/L		N/A	(75%-125%)		04/15/26 13:08
Thallium	500	U	ND		444	ug/L		88.8	(75%-125%)		04/15/26 12:23
Vanadium	500		6.82		509	ug/L		100	(75%-125%)		
Zinc	500		98.5		582	ug/L		96.7	(75%-125%)		
QC1206430771 771544002 MSD											
Aluminum	5000		703		5590	ug/L	4.89	97.7	(0%-20%)		04/15/26 12:26
Antimony	500	U	ND		494	ug/L	1.8	98.7	(0%-20%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2974714											
Arsenic	500	U	ND		533	ug/L	1.7	107	(0%-20%)	EM2	04/15/26 12:26
Barium	500		134		595	ug/L	2.27	92.2	(0%-20%)		
Beryllium	500	U	ND		483	ug/L	2.36	96.7	(0%-20%)		
Cadmium	500	U	ND		469	ug/L	1.88	93.8	(0%-20%)		
Calcium	5000		64400		67500	ug/L	4.31	N/A	(0%-20%)		
Chromium	500		52.2		528	ug/L	2.44	95.2	(0%-20%)		
Cobalt	500	J	1.25		475	ug/L	0.833	94.7	(0%-20%)		
Copper	500		26.6		509	ug/L	2.3	96.5	(0%-20%)		
Iron	5000		20600		21600	ug/L	4.81	N/A	(0%-20%)		
Lead	500	J	9.91		484	ug/L	0.607	94.8	(0%-20%)		
Magnesium	5000		83900		86000	ug/L	4.54	N/A	(0%-20%)		
Manganese	500		1080		1490	ug/L	2.23	82	(0%-20%)		
Nickel	500		17.1		481	ug/L	0.809	92.8	(0%-20%)		
Potassium	5000		33600		37800	ug/L	1.48	N/A	(0%-20%)		04/15/26 13:11

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2974714												
Selenium	500	J	9.32		456	ug/L	0.035		89.4	(0%-20%)	EM2	04/15/26 12:26
Silver	100	U	ND		98.8	ug/L	0.817		98.5	(0%-20%)		
Sodium	5000		661000		649000	ug/L	2.08		N/A	(0%-20%)		04/15/26 13:11
Thallium	500	U	ND		440	ug/L	0.89		88	(0%-20%)		04/15/26 12:26
Vanadium	500		6.82		498	ug/L	2.16		98.2	(0%-20%)		
Zinc	500		98.5		575	ug/L	1.22		95.3	(0%-20%)		
QC1206430773 771544002 SDILT												
Aluminum			703	J	170	ug/L	21			(0%-20%)		04/15/26 12:31
Antimony		U	ND	U	ND	ug/L	N/A			(0%-20%)		
Arsenic		U	ND	U	ND	ug/L	N/A			(0%-20%)		
Barium			134	E	33.5	ug/L	24.6	*		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A			(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A			(0%-20%)		
Calcium			64400	E	16400	ug/L	27.1	*		(0%-20%)		
Chromium			52.2		12.8	ug/L	22.4			(0%-20%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2974714										
Cobalt	J	1.25	U	ND	ug/L	N/A		(0%-20%)	EM2	04/15/26 12:31
Copper		26.6	J	6.33	ug/L	19.2		(0%-20%)		
Iron		20600	E	5220	ug/L	26.6 *		(0%-20%)		
Lead	J	9.91	J	3.61	ug/L	81.9		(0%-20%)		
Magnesium		83900	E	21200	ug/L	26.6 *		(0%-20%)		
Manganese		1080	E	268	ug/L	23.5 *		(0%-20%)		
Nickel		17.1	J	4.25	ug/L	24.4		(0%-20%)		
Potassium		6730		1350	ug/L	.405		(0%-20%)		04/15/26 13:14
Selenium	J	9.32	U	ND	ug/L	N/A		(0%-20%)		04/15/26 12:31
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		132000		25500	ug/L	3.64		(0%-20%)		04/15/26 13:14
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		04/15/26 12:31
Vanadium		6.82	J	1.56	ug/L	14.3		(0%-20%)		
Zinc		98.5		26.0	ug/L	32.1		(0%-20%)		

QC Summary

Workorder: 771544

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury										
Batch 2974804										
QC1206430978 771225001 DUP										
Mercury		6.56		6.36	ug/L	3.08		(0%-20%)	PB1	04/10/26 11:45
QC1206430977 LCS										
Mercury	2.00			2.11	ug/L		106	(80%-120%)		04/10/26 11:38
QC1206430976 MB										
Mercury			U	ND	ug/L					04/10/26 11:35
QC1206430979 771225001 MS										
Mercury	2.00	6.56		6.51	ug/L		0*	(75%-125%)		04/10/26 11:46
QC1206430980 771225001 PS										
Mercury	2.00	6.56		6.65	ug/L		4.4*	(80%-120%)		04/10/26 11:48
Perfluorinated Compounds										
Batch 2976456										
QC1206434044 LCS										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	92.4			112	ng/L		121	(55%-160%)	JMB3	04/14/26 14:29
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	93.8			110	ng/L		117	(60%-150%)		
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	91.6			88.8	ng/L		97	(70%-145%)		
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	92.8			103	ng/L		111	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	489			498	ng/L		102	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	489			542	ng/L		111	(70%-135%)		
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	97.7			109	ng/L		112	(65%-130%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2976456											
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	92.4			110	ng/L		119	(65%-145%)	JMB3	04/14/26	14:29
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	91.4			115	ng/L		126	(70%-155%)			
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	97.7			104	ng/L		106	(70%-140%)			
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	24.4			26.8	ng/L		110	(65%-145%)			
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	24.4			26.8	ng/L		110	(70%-145%)			
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	244			259	ng/L		106	(70%-135%)			
N-Methylperfluorooctane sulfonamide (NMeFOSA)	24.4			27.7	ng/L		113	(60%-150%)			
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	24.4			26.2	ng/L		107	(50%-140%)			
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	244			260	ng/L		106	(70%-145%)			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	48.9			52.7	ng/L		108	(50%-150%)			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	43.5			49.5	ng/L		114	(70%-140%)			
Perfluoro-3-methoxypropanoic acid (PFMPA)	48.9			55.3	ng/L		113	(55%-140%)			
Perfluoro-4-methoxybutanoic acid (PFMBA)	48.9			51.9	ng/L		106	(60%-150%)			
Perfluorobutane sulfonic acid (PFBS)	21.7			23.5	ng/L		109	(60%-145%)			

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2976456											
Perfluorobutanoic acid (PFBA)	97.7			104	ng/L		106	(70%-140%)	JMB3	04/14/26	14:29
Perfluorodecane sulfonic acid (PFDS)	23.6			23.1	ng/L		98	(60%-145%)			
Perfluorodecanoic acid (PFDA)	24.4			23.2	ng/L		95	(70%-140%)			
Perfluorododecane sulfonic acid (PFDoS)	23.7			23.3	ng/L		98	(50%-145%)			
Perfluorododecanoic acid (PFDOA)	24.4			24.8	ng/L		101	(70%-140%)			
Perfluoroheptane sulfonic acid (PFHpS)	23.3			28.2	ng/L		121	(70%-150%)			
Perfluoroheptanoic acid (PFHpA)	24.4			27.7	ng/L		113	(70%-150%)			
Perfluorohexane sulfonic acid (PFHxS)	22.3			25.0	ng/L		112	(65%-145%)			
Perfluorohexanoic acid (PFHxA)	24.4			23.8	ng/L		97	(70%-145%)			
Perfluorononane sulfonic acid (PFNS)	23.5			25.8	ng/L		110	(65%-145%)			
Perfluorononanoic acid (PFNA)	24.4			25.9	ng/L		106	(70%-150%)			
Perfluorooctane sulfonamide (PFOSAm)	24.4			25.7	ng/L		105	(70%-145%)			
Perfluorooctane sulfonic acid (PFOS)	22.7			26.8	ng/L		118	(55%-150%)			
Perfluorooctanoic acid (PFOA)	24.4			26.3	ng/L		108	(70%-150%)			

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Perfluoropentane sulfonic acid (PFPeS)	23.0			24.5	ng/L		106	(65%-140%)	JMB3	04/14/26 14:29
Perfluoropentanoic acid (PFPeA)	48.9			52.5	ng/L		108	(65%-135%)		
Perfluorotetradecanoic acid (PFTDA)	24.4			27.3	ng/L		112	(60%-140%)		
Perfluorotridecanoic acid (PFTrDA)	24.4			24.8	ng/L		101	(65%-140%)		
Perfluoroundecanoic acid (PFUnDA)	24.4			24.0	ng/L		98	(70%-145%)		
QC1206434045 LCS										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	5.97		J	5.97	ng/L		100	(55%-160%)		04/14/26 14:45
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.07		J	7.05	ng/L		116	(60%-150%)		
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.18		J	6.11	ng/L		99	(70%-145%)		
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.01		J	6.92	ng/L		115	(65%-155%)		
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	31.6		J	31.6	ng/L		100	(50%-145%)		
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	31.6		J	33.5	ng/L		106	(70%-135%)		
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	6.32		J	7.16	ng/L		113	(65%-130%)		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	5.97		J	6.76	ng/L		113	(65%-145%)		
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	5.91		J	7.05	ng/L		119	(70%-155%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	6.32		J	6.08	ng/L		96	(70%-140%)	JMB3	04/14/26 14:45
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	1.58		J	1.70	ng/L		107	(65%-145%)		
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	1.58		J	1.81	ng/L		114	(70%-145%)		
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	15.8		J	16.2	ng/L		103	(70%-135%)		
N-Methylperfluorooctane sulfonamide (NMeFOSA)	1.58		J	1.55	ng/L		98	(60%-150%)		
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	1.58		J	1.74	ng/L		110	(50%-140%)		
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	15.8		J	16.4	ng/L		103	(70%-145%)		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.16		J	3.45	ng/L		109	(50%-150%)		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.81		J	2.98	ng/L		106	(70%-140%)		
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.16		J	3.52	ng/L		111	(55%-140%)		
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.16		J	3.37	ng/L		107	(60%-150%)		
Perfluorobutane sulfonic acid (PFBS)	1.40		J	1.59	ng/L		114	(60%-145%)		
Perfluorobutanoic acid (PFBA)	6.32		J	6.47	ng/L		102	(70%-140%)		
Perfluorodecane sulfonic acid (PFDS)	1.52		J	1.49	ng/L		98	(60%-145%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Perfluorodecanoic acid (PFDA)	1.58		J	1.58	ng/L		100	(70%-140%)	JMB3	04/14/26 14:45
Perfluorododecane sulfonic acid (PFDoS)	1.53		J	1.27	ng/L		83	(50%-145%)		
Perfluorododecanoic acid (PFDOA)	1.58		J	1.58	ng/L		100	(70%-140%)		
Perfluoroheptane sulfonic acid (PFHpS)	1.51		J	1.50	ng/L		99	(70%-150%)		
Perfluoroheptanoic acid (PFHpA)	1.58		J	1.56	ng/L		99	(70%-150%)		
Perfluorohexane sulfonic acid (PFHxS)	1.44		J	1.42	ng/L		98	(65%-145%)		
Perfluorohexanoic acid (PFHxA)	1.58		J	1.57	ng/L		100	(70%-145%)		
Perfluorononane sulfonic acid (PFNS)	1.52		J	1.42	ng/L		93	(65%-145%)		
Perfluorononanoic acid (PFNA)	1.58		J	1.61	ng/L		102	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	1.58		J	1.76	ng/L		111	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	1.47		J	1.43	ng/L		98	(55%-150%)		
Perfluorooctanoic acid (PFOA)	1.58		J	1.80	ng/L		114	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	1.49		J	1.42	ng/L		96	(65%-140%)		
Perfluoropentanoic acid (PFPeA)	3.16			3.09	ng/L		98	(65%-135%)		

QC Summary

Workorder: 771544

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2976456											
Perfluorotetradecanoic acid (PFTDA)	1.58		J	1.63	ng/L		103	(60%-140%)	JMB3	04/14/26	14:45
Perfluorotridecanoic acid (PFTrDA)	1.58		J	1.58	ng/L		100	(65%-140%)			
Perfluoroundecanoic acid (PFUnDA)	1.58		J	1.62	ng/L		103	(70%-145%)			
QC1206434043 MB											
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)			U	< 2.5	ng/L					04/14/26	14:13
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)			U	< 2.5	ng/L						
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)			U	< 2.4	ng/L						
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)			U	< 2.5	ng/L						
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)			U	< 13	ng/L						
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)			U	< 13	ng/L						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)			U	< 2.6	ng/L						
4,8-Dioxa-3H-perfluorononanoic acid (DONA)			U	< 2.5	ng/L						
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)			U	< 2.4	ng/L						
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)			U	< 2.6	ng/L						
N-Ethylperfluorooctane sulfonamide (EtFOSAm)			U	< 0.65	ng/L						

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)			U	< 0.65	ng/L				JMB3	04/14/26 14:13
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)			U	< 6.5	ng/L					
N-Methylperfluorooctane sulfonamide (NMeFOSA)			U	< 0.65	ng/L					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)			U	< 0.65	ng/L					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)			U	< 6.5	ng/L					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			U	< 1.3	ng/L					
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)			U	< 1.2	ng/L					
Perfluoro-3-methoxypropanoic acid (PFMPA)			U	< 1.3	ng/L					
Perfluoro-4-methoxybutanoic acid (PFMBA)			U	< 1.3	ng/L					
Perfluorobutane sulfonic acid (PFBS)			U	< 0.58	ng/L					
Perfluorobutanoic acid (PFBA)			U	< 2.6	ng/L					
Perfluorodecane sulfonic acid (PFDS)			U	< 0.63	ng/L					
Perfluorodecanoic acid (PFDA)			U	< 0.65	ng/L					
Perfluorododecane sulfonic acid (PFDoS)			U	< 0.63	ng/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2976456										
Perfluorododecanoic acid (PFDOA)			U	< 0.65	ng/L				JMB3	04/14/26 14:13
Perfluoroheptane sulfonic acid (PFHpS)			U	< 0.62	ng/L					
Perfluoroheptanoic acid (PFHpA)			U	< 0.65	ng/L					
Perfluorohexane sulfonic acid (PFHxS)			U	< 0.59	ng/L					
Perfluorohexanoic acid (PFHxA)			U	< 0.65	ng/L					
Perfluorononane sulfonic acid (PFNS)			U	< 0.63	ng/L					
Perfluorononanoic acid (PFNA)			U	< 0.65	ng/L					
Perfluorooctane sulfonamide (PFOSAm)			U	< 0.65	ng/L					
Perfluorooctane sulfonic acid (PFOS)			U	< 0.60	ng/L					
Perfluorooctanoic acid (PFOA)			U	< 0.65	ng/L					
Perfluoropentane sulfonic acid (PFPeS)			U	< 0.61	ng/L					
Perfluoropentanoic acid (PFPeA)			U	< 0.65	ng/L					
Perfluorotetradecanoic acid (PFTDA)			U	< 0.65	ng/L					
Perfluorotridecanoic acid (PFTrDA)			U	< 0.65	ng/L					

QC Summary

Workorder: 771544

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2976456											
Perfluoroundecanoic acid (PFUnDA)			U	< 0.65	ng/L				JMB3	04/14/26	14:13
Batch 2978823											
QC1206437776 LCS											
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	92.9			93.0	ng/L		100	(55%-160%)	JMB3	04/17/26	14:39
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	94.4			95.4	ng/L		101	(60%-150%)			
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	92.2			90.1	ng/L		98	(70%-145%)			
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	93.4			85.6	ng/L		92	(65%-155%)			
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	492			488	ng/L		99	(50%-145%)			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	492			530	ng/L		108	(70%-135%)			
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	98.3			98.1	ng/L		100	(65%-130%)			
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	92.9			93.3	ng/L		100	(65%-145%)			
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	91.9			97.0	ng/L		105	(70%-155%)			
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	98.3			95.4	ng/L		97	(70%-140%)			
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	24.6			24.8	ng/L		101	(65%-145%)			
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	24.6			25.0	ng/L		102	(70%-145%)			

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2978823										
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	246			250	ng/L		102	(70%-135%)	JMB3	04/17/26 14:39
N-Methylperfluorooctane sulfonamide (NMeFOSA)	24.6			25.8	ng/L		105	(60%-150%)		
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	24.6			26.4	ng/L		107	(50%-140%)		
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	246			259	ng/L		105	(70%-145%)		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	49.2			53.6	ng/L		109	(50%-150%)		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	43.7			48.6	ng/L		111	(70%-140%)		
Perfluoro-3-methoxypropanoic acid (PFMPA)	49.2			50.1	ng/L		102	(55%-140%)		
Perfluoro-4-methoxybutanoic acid (PFMBA)	49.2			50.2	ng/L		102	(60%-150%)		
Perfluorobutane sulfonic acid (PFBS)	21.8			21.4	ng/L		98	(60%-145%)		
Perfluorobutanoic acid (PFBA)	98.3			103	ng/L		105	(70%-140%)		
Perfluorodecane sulfonic acid (PFDS)	23.7			21.2	ng/L		90	(60%-145%)		
Perfluorodecanoic acid (PFDA)	24.6			24.2	ng/L		98	(70%-140%)		
Perfluorododecane sulfonic acid (PFDoS)	23.8			20.6	ng/L		86	(50%-145%)		
Perfluorododecanoic acid (PFDOA)	24.6			24.9	ng/L		101	(70%-140%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2978823											
Perfluoroheptane sulfonic acid (PFHpS)	23.4			23.8	ng/L		102	(70%-150%)	JMB3	04/17/26	14:39
Perfluoroheptanoic acid (PFHpA)	24.6			25.6	ng/L		104	(70%-150%)			
Perfluorohexane sulfonic acid (PFHxS)	22.5			23.8	ng/L		106	(65%-145%)			
Perfluorohexanoic acid (PFHxA)	24.6			27.7	ng/L		113	(70%-145%)			
Perfluorononane sulfonic acid (PFNS)	23.6			23.3	ng/L		99	(65%-145%)			
Perfluorononanoic acid (PFNA)	24.6			24.2	ng/L		98	(70%-150%)			
Perfluorooctane sulfonamide (PFOSAm)	24.6			24.7	ng/L		100	(70%-145%)			
Perfluorooctane sulfonic acid (PFOS)	22.8			22.8	ng/L		100	(55%-150%)			
Perfluorooctanoic acid (PFOA)	24.6			21.9	ng/L		89	(70%-150%)			
Perfluoropentane sulfonic acid (PFPeS)	23.1			25.3	ng/L		109	(65%-140%)			
Perfluoropentanoic acid (PFPeA)	49.2			49.9	ng/L		102	(65%-135%)			
Perfluorotetradecanoic acid (PFTDA)	24.6			24.9	ng/L		101	(60%-140%)			
Perfluorotridecanoic acid (PFTrDA)	24.6			26.3	ng/L		107	(65%-140%)			
Perfluoroundecanoic acid (PFUnDA)	24.6			23.4	ng/L		95	(70%-145%)			

QC Summary

Workorder: 771544

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Perfluorinated Compounds											
Batch 2978823											
QC1206437777 LCS											
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	5.97		J	5.41	ng/L		91	(55%-160%)	JMB3	04/17/26	14:55
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.06		J	6.65	ng/L		110	(60%-150%)			
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.17		J	6.12	ng/L		99	(70%-145%)			
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.00		J	6.31	ng/L		105	(65%-155%)			
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)	31.6		J	33.6	ng/L		106	(50%-145%)			
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)	31.6		J	33.9	ng/L		107	(70%-135%)			
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)	6.31		J	5.99	ng/L		95	(65%-130%)			
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	5.97		J	5.91	ng/L		99	(65%-145%)			
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	5.90		J	5.80	ng/L		98	(70%-155%)			
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)	6.31		J	6.04	ng/L		96	(70%-140%)			
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	1.58		J	1.70	ng/L		108	(65%-145%)			
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	1.58		J	1.60	ng/L		102	(70%-145%)			
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	15.8		J	16.5	ng/L		105	(70%-135%)			
N-Methylperfluorooctane sulfonamide (NMeFOSA)	1.58		J	1.75	ng/L		111	(60%-150%)			

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2978823										
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	1.58		J	1.51	ng/L		96	(50%-140%)	JMB3	04/17/26 14:55
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	15.8		J	16.5	ng/L		105	(70%-145%)		
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.16		J	3.42	ng/L		108	(50%-150%)		
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	2.81		J	2.98	ng/L		106	(70%-140%)		
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.16		J	3.08	ng/L		98	(55%-140%)		
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.16		J	3.17	ng/L		100	(60%-150%)		
Perfluorobutane sulfonic acid (PFBS)	1.40		J	1.64	ng/L		117	(60%-145%)		
Perfluorobutanoic acid (PFBA)	6.31		J	6.62	ng/L		105	(70%-140%)		
Perfluorodecane sulfonic acid (PFDS)	1.52		J	1.45	ng/L		95	(60%-145%)		
Perfluorodecanoic acid (PFDA)	1.58		J	1.64	ng/L		104	(70%-140%)		
Perfluorododecane sulfonic acid (PFDoS)	1.53		J	1.30	ng/L		85	(50%-145%)		
Perfluorododecanoic acid (PFDOA)	1.58		J	1.53	ng/L		97	(70%-140%)		
Perfluoroheptane sulfonic acid (PFHpS)	1.50		J	1.48	ng/L		98	(70%-150%)		
Perfluoroheptanoic acid (PFHpA)	1.58		J	1.60	ng/L		101	(70%-150%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2978823										
Perfluorohexane sulfonic acid (PFHxS)	1.44		J	1.52	ng/L		106	(65%-145%)	JMB3	04/17/26 14:55
Perfluorohexanoic acid (PFHxA)	1.58		J	1.62	ng/L		102	(70%-145%)		
Perfluorononane sulfonic acid (PFNS)	1.52		J	1.38	ng/L		91	(65%-145%)		
Perfluorononanoic acid (PFNA)	1.58		J	1.57	ng/L		100	(70%-150%)		
Perfluorooctane sulfonamide (PFOSAm)	1.58		J	1.82	ng/L		115	(70%-145%)		
Perfluorooctane sulfonic acid (PFOS)	1.47		J	1.47	ng/L		100	(55%-150%)		
Perfluorooctanoic acid (PFOA)	1.58		J	1.58	ng/L		100	(70%-150%)		
Perfluoropentane sulfonic acid (PFPeS)	1.49		J	1.73	ng/L		117	(65%-140%)		
Perfluoropentanoic acid (PFPeA)	3.16			3.32	ng/L		105	(65%-135%)		
Perfluorotetradecanoic acid (PFTDA)	1.58		J	1.63	ng/L		103	(60%-140%)		
Perfluorotridecanoic acid (PFTrDA)	1.58		J	1.46	ng/L		93	(65%-140%)		
Perfluoroundecanoic acid (PFUnDA)	1.58		J	1.58	ng/L		100	(70%-145%)		
QC1206437775 MB										
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)			U	< 2.5	ng/L					04/17/26 14:23
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)			U	< 2.5	ng/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2978823										
1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)			U	< 2.5	ng/L				JMB3	04/17/26 14:23
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)			U	< 2.5	ng/L					
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)(FHpPA)			U	< 13	ng/L					
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)(FPePA)			U	< 13	ng/L					
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)(FPrPA)			U	< 2.6	ng/L					
4,8-Dioxa-3H-perfluorononanoic acid (DONA)			U	< 2.5	ng/L					
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)			U	< 2.4	ng/L					
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)(PFPrOPrA)			U	< 2.6	ng/L					
N-Ethylperfluorooctane sulfonamide (EtFOSAm)			U	< 0.65	ng/L					
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)			U	< 0.65	ng/L					
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)			U	< 6.5	ng/L					
N-Methylperfluorooctane sulfonamide (NMeFOSA)			U	< 0.65	ng/L					
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)			U	< 0.65	ng/L					
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)			U	< 6.5	ng/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2978823										
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			U	< 1.3	ng/L				JMB3	04/17/26 14:23
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)			U	< 1.2	ng/L					
Perfluoro-3-methoxypropanoic acid (PFMPA)			U	< 1.3	ng/L					
Perfluoro-4-methoxybutanoic acid (PFMBA)			U	< 1.3	ng/L					
Perfluorobutane sulfonic acid (PFBS)			U	< 0.58	ng/L					
Perfluorobutanoic acid (PFBA)			U	< 2.6	ng/L					
Perfluorodecane sulfonic acid (PFDS)			U	< 0.63	ng/L					
Perfluorodecanoic acid (PFDA)			U	< 0.65	ng/L					
Perfluorododecane sulfonic acid (PFDoS)			U	< 0.63	ng/L					
Perfluorododecanoic acid (PFDOA)			U	< 0.65	ng/L					
Perfluoroheptane sulfonic acid (PFHpS)			U	< 0.62	ng/L					
Perfluoroheptanoic acid (PFHpA)			U	< 0.65	ng/L					
Perfluorohexane sulfonic acid (PFHxS)			U	< 0.60	ng/L					
Perfluorohexanoic acid (PFHxA)			U	< 0.65	ng/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Perfluorinated Compounds										
Batch 2978823										
Perfluorononane sulfonic acid (PFNS)			U	< 0.63	ng/L				JMB3	04/17/26 14:23
Perfluorononanoic acid (PFNA)			U	< 0.65	ng/L					
Perfluorooctane sulfonamide (PFOSAm)			U	< 0.65	ng/L					
Perfluorooctane sulfonic acid (PFOS)			U	< 0.61	ng/L					
Perfluorooctanoic acid (PFOA)			U	< 0.65	ng/L					
Perfluoropentane sulfonic acid (PFPeS)			U	< 0.61	ng/L					
Perfluoropentanoic acid (PFPeA)			U	< 0.65	ng/L					
Perfluorotetradecanoic acid (PFTDA)			U	< 0.65	ng/L					
Perfluorotridecanoic acid (PFTrDA)			U	< 0.65	ng/L					
Perfluoroundecanoic acid (PFUnDA)			U	< 0.65	ng/L					
Semi-Volatile-GC/MS										
Batch 2975606										
QC1206432450 LCS										
1,1'-Biphenyl	50.0			41.5	ug/L		83	(45%-114%)	BM1	04/13/26 15:52
1,2,4,5-Tetrachlorobenzene	50.0			39.4	ug/L		79	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			43.0	ug/L		86	(41%-119%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
2,4,5-Trichlorophenol	50.0			44.3	ug/L		89	(42%-122%)	BM1	04/13/26 15:52
2,4,6-Trichlorophenol	50.0			45.0	ug/L		90	(40%-119%)		
2,4-Dichlorophenol	50.0			41.7	ug/L		83	(36%-111%)		
2,4-Dimethylphenol	50.0			26.2	ug/L		52	(31%-68%)		
2,4-Dinitrophenol	50.0		J	41.6	ug/L		83	(30%-120%)		
2,4-Dinitrotoluene	50.0			45.1	ug/L		90	(48%-128%)		
2,6-Dinitrotoluene	50.0			42.5	ug/L		85	(47%-124%)		
2-Chloronaphthalene	50.0			42.5	ug/L		85	(41%-113%)		
2-Chlorophenol	50.0			36.5	ug/L		73	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0		J	46.3	ug/L		93	(32%-131%)		
2-Methylnaphthalene	50.0			46.0	ug/L		92	(42%-116%)		
2-Nitrophenol	50.0			39.4	ug/L		79	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			40.4	ug/L		81	(43%-116%)		
4-Bromophenylphenylether	50.0			46.1	ug/L		92	(49%-125%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
4-Chloro-3-methylphenol	50.0			41.7	ug/L		83	(35%-113%)	BM1	04/13/26 15:52
4-Chloroaniline	50.0			41.6	ug/L		83	(39%-112%)		
4-Chlorophenylphenylether	50.0			46.5	ug/L		93	(48%-124%)		
4-Nitrophenol	50.0		J	19.1	ug/L		38	(25%-69%)		
Acenaphthene	50.0			43.0	ug/L		86	(44%-118%)		
Acenaphthylene	50.0			39.6	ug/L		79	(42%-110%)		
Acetophenone	50.0			41.3	ug/L		83	(44%-114%)		
Anthracene	50.0			46.0	ug/L		92	(49%-121%)		
Atrazine	50.0			48.6	ug/L		97	(49%-147%)		
Benzaldehyde	50.0			33.4	ug/L		67	(27%-111%)		
Benzo(a)anthracene	50.0			44.3	ug/L		89	(46%-121%)		
Benzo(a)pyrene	50.0			43.3	ug/L		87	(41%-120%)		
Benzo(b)fluoranthene	50.0			47.3	ug/L		95	(45%-126%)		
Benzo(ghi)perylene	50.0			45.0	ug/L		90	(44%-129%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Benzo(k)fluoranthene	50.0			46.6	ug/L		93	(44%-126%)	BM1	04/13/26 15:52
Butylbenzylphthalate	50.0			46.0	ug/L		92	(47%-135%)		
Carbazole	50.0			47.1	ug/L		94	(52%-127%)		
Chrysene	50.0			43.2	ug/L		86	(46%-121%)		
Di-n-butylphthalate	50.0			48.8	ug/L		98	(51%-132%)		
Di-n-octylphthalate	50.0			41.9	ug/L		84	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			42.9	ug/L		86	(42%-123%)		
Dibenzofuran	50.0			44.5	ug/L		89	(48%-118%)		
Diethylphthalate	50.0			46.0	ug/L		92	(51%-131%)		
Dimethylphthalate	50.0			45.2	ug/L		90	(48%-129%)		
Diphenylamine	50.0			46.2	ug/L		92	(49%-122%)		
Fluoranthene	50.0			48.4	ug/L		97	(50%-126%)		
Fluorene	50.0			44.6	ug/L		89	(48%-122%)		
Hexachlorobenzene	50.0			46.9	ug/L		94	(46%-122%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Hexachlorobutadiene	50.0			36.6	ug/L		73	(32%-94%)	BM1	04/13/26 15:52
Hexachlorocyclopentadiene	50.0			24.9	ug/L		50	(31%-64%)		
Hexachloroethane	50.0			33.1	ug/L		66	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			44.1	ug/L		88	(40%-125%)		
Isophorone	50.0			38.5	ug/L		77	(39%-126%)		
N-Nitrosodipropylamine	50.0			42.4	ug/L		85	(44%-122%)		
Naphthalene	50.0			39.3	ug/L		79	(41%-107%)		
Nitrobenzene	50.0			38.9	ug/L		78	(42%-112%)		
Pentachlorophenol	50.0			50.2	ug/L		100	(36%-124%)		
Phenanthrene	50.0			45.1	ug/L		90	(48%-120%)		
Phenol	50.0			17.8	ug/L		36	(12%-90%)		
Pyrene	50.0			49.0	ug/L		98	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			39.6	ug/L		79	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			41.8	ug/L		84	(43%-115%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
bis(2-Chloroethyl) ether	50.0			38.9	ug/L		78	(40%-111%)	BM1	04/13/26 15:52
bis(2-Ethylhexyl)phthalate	50.0			44.1	ug/L		88	(42%-132%)		
m,p-Cresols	50.0			31.2	ug/L		62	(29%-82%)		
m-Nitroaniline	50.0			41.9	ug/L		84	(44%-119%)		
o-Cresol	50.0			32.4	ug/L		65	(29%-86%)		
o-Nitroaniline	50.0			40.7	ug/L		81	(45%-128%)		
p-Nitroaniline	50.0			44.1	ug/L		88	(46%-130%)		
**2,4,6-Tribromophenol	100			85.7	ug/L		86	(28%-113%)		
**2-Fluorobiphenyl	50.0			38.1	ug/L		76	(32%-102%)		
**2-Fluorophenol	100			41.0	ug/L		41	(15%-72%)		
**Nitrobenzene-d5	50.0			34.4	ug/L		69	(31%-100%)		
**Phenol-d5	100			28.2	ug/L		28	(15%-85%)		
**p-Terphenyl-d14	50.0			42.9	ug/L		86	(20%-118%)		
QC1206434271 LCSD										
1,1'-Biphenyl	50.0			40.1	ug/L	3	80	(0%-30%)		04/13/26 16:12

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
1,2,4,5-Tetrachlorobenzene	50.0			37.4	ug/L	5	75	(0%-30%)	BM1	04/13/26 16:12
2,3,4,6-Tetrachlorophenol	50.0			43.5	ug/L	1	87	(0%-30%)		
2,4,5-Trichlorophenol	50.0			43.2	ug/L	2	86	(0%-27%)		
2,4,6-Trichlorophenol	50.0			43.1	ug/L	4	86	(0%-28%)		
2,4-Dichlorophenol	50.0			39.6	ug/L	5	79	(0%-30%)		
2,4-Dimethylphenol	50.0			23.9	ug/L	9	48	(0%-30%)		
2,4-Dinitrophenol	50.0		J	42.0	ug/L	1	84	(0%-30%)		
2,4-Dinitrotoluene	50.0			45.8	ug/L	2	92	(0%-32%)		
2,6-Dinitrotoluene	50.0			43.4	ug/L	2	87	(0%-30%)		
2-Chloronaphthalene	50.0			40.6	ug/L	5	81	(0%-30%)		
2-Chlorophenol	50.0			34.2	ug/L	6	68	(0%-30%)		
2-Methyl-4,6-dinitrophenol	50.0		J	45.5	ug/L	2	91	(0%-30%)		
2-Methylnaphthalene	50.0			45.1	ug/L	2	90	(0%-30%)		
2-Nitrophenol	50.0			38.9	ug/L	1	78	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
3,3'-Dichlorobenzidine	50.0			39.8	ug/L	2	80	(0%-30%)	BM1	04/13/26 16:12
4-Bromophenylphenylether	50.0			44.6	ug/L	3	89	(0%-30%)		
4-Chloro-3-methylphenol	50.0			40.2	ug/L	4	80	(0%-30%)		
4-Chloroaniline	50.0			41.7	ug/L	0	83	(0%-30%)		
4-Chlorophenylphenylether	50.0			46.1	ug/L	1	92	(0%-30%)		
4-Nitrophenol	50.0		J	19.0	ug/L	1	38	(0%-30%)		
Acenaphthene	50.0			41.8	ug/L	3	84	(0%-30%)		
Acenaphthylene	50.0			38.8	ug/L	2	78	(0%-30%)		
Acetophenone	50.0			41.3	ug/L	0	83	(0%-30%)		
Anthracene	50.0			44.9	ug/L	2	90	(0%-30%)		
Atrazine	50.0			47.9	ug/L	1	96	(0%-30%)		
Benzaldehyde	50.0			34.0	ug/L	2	68	(0%-30%)		
Benzo(a)anthracene	50.0			43.0	ug/L	3	86	(0%-30%)		
Benzo(a)pyrene	50.0			41.4	ug/L	5	83	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Benzo(b)fluoranthene	50.0			44.0	ug/L	7	88	(0%-30%)	BM1	04/13/26 16:12
Benzo(ghi)perylene	50.0			45.8	ug/L	2	92	(0%-30%)		
Benzo(k)fluoranthene	50.0			43.8	ug/L	6	88	(0%-30%)		
Butylbenzylphthalate	50.0			43.4	ug/L	6	87	(0%-30%)		
Carbazole	50.0			46.2	ug/L	2	92	(0%-30%)		
Chrysene	50.0			41.8	ug/L	3	84	(0%-30%)		
Di-n-butylphthalate	50.0			47.1	ug/L	3	94	(0%-30%)		
Di-n-octylphthalate	50.0			40.4	ug/L	4	81	(0%-30%)		
Dibenzo(a,h)anthracene	50.0			45.4	ug/L	6	91	(0%-30%)		
Dibenzofuran	50.0			43.5	ug/L	2	87	(0%-30%)		
Diethylphthalate	50.0			45.9	ug/L	0	92	(0%-30%)		
Dimethylphthalate	50.0			44.9	ug/L	1	90	(0%-30%)		
Diphenylamine	50.0			44.0	ug/L	5	88	(0%-30%)		
Fluoranthene	50.0			48.1	ug/L	1	96	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Fluorene	50.0			44.3	ug/L	1	89	(0%-30%)	BM1	04/13/26 16:12
Hexachlorobenzene	50.0			45.4	ug/L	3	91	(0%-25%)		
Hexachlorobutadiene	50.0			34.1	ug/L	7	68	(0%-28%)		
Hexachlorocyclopentadiene	50.0			22.1	ug/L	12	44	(0%-30%)		
Hexachloroethane	50.0			32.4	ug/L	2	65	(0%-29%)		
Indeno(1,2,3-cd)pyrene	50.0			44.0	ug/L	0	88	(0%-30%)		
Isophorone	50.0			38.4	ug/L	0	77	(0%-30%)		
N-Nitrosodipropylamine	50.0			43.0	ug/L	1	86	(0%-30%)		
Naphthalene	50.0			38.4	ug/L	2	77	(0%-30%)		
Nitrobenzene	50.0			37.9	ug/L	3	76	(0%-28%)		
Pentachlorophenol	50.0			49.1	ug/L	2	98	(0%-33%)		
Phenanthrene	50.0			44.2	ug/L	2	88	(0%-30%)		
Phenol	50.0			17.7	ug/L	0	35	(0%-30%)		
Pyrene	50.0			48.8	ug/L	0	98	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
bis(2-Chloro-1-methylethyl)ether	50.0			39.9	ug/L	1	80	(0%-30%)	BM1	04/13/26 16:12
bis(2-Chloroethoxy)methane	50.0			41.1	ug/L	2	82	(0%-30%)		
bis(2-Chloroethyl) ether	50.0			38.6	ug/L	1	77	(0%-30%)		
bis(2-Ethylhexyl)phthalate	50.0			41.3	ug/L	7	83	(0%-30%)		
m,p-Cresols	50.0			35.0	ug/L	11	70	(0%-34%)		
m-Nitroaniline	50.0			42.4	ug/L	1	85	(0%-30%)		
o-Cresol	50.0			30.2	ug/L	7	60	(0%-36%)		
o-Nitroaniline	50.0			41.7	ug/L	2	83	(0%-30%)		
p-Nitroaniline	50.0			45.3	ug/L	3	91	(0%-30%)		
**2,4,6-Tribromophenol	100			88.4	ug/L		88	(28%-113%)		
**2-Fluorobiphenyl	50.0			37.4	ug/L		75	(32%-102%)		
**2-Fluorophenol	100			38.5	ug/L		39	(15%-72%)		
**Nitrobenzene-d5	50.0			34.2	ug/L		68	(31%-100%)		
**Phenol-d5	100			28.6	ug/L		29	(15%-85%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
**p-Terphenyl-d14	50.0			42.2	ug/L		84	(20%-118%)	BM1	04/13/26 16:12
QC1206432449 MB										
1,1'-Biphenyl			U	ND	ug/L					04/13/26 15:31
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
2-Methylnaphthalene			U	ND	ug/L				BM1	04/13/26 15:31
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Benzo(a)anthracene			U	ND	ug/L				BM1	04/13/26 15:31
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Diphenylamine			U	ND	ug/L				BM1	04/13/26 15:31
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
Phenol			U	ND	ug/L				BM1	04/13/26 15:31
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			92.8	ug/L		93	(28%-113%)		
**2-Fluorobiphenyl	50.0			43.2	ug/L		86	(32%-102%)		
**2-Fluorophenol	100			43.6	ug/L		44	(15%-72%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2975606										
**Nitrobenzene-d5	50.0			37.3	ug/L		75	(31%-100%)	BM1	04/13/26 15:31
**Phenol-d5	100			30.3	ug/L		30	(15%-85%)		
**p-Terphenyl-d14	50.0			45.3	ug/L		91	(20%-118%)		
Batch 2977541										
QC1206435780 LCS										
1,1'-Biphenyl	50.0			39.5	ug/L		79	(45%-114%)	LL2	04/16/26 17:32
1,2,4,5-Tetrachlorobenzene	50.0			38.4	ug/L		77	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			45.2	ug/L		90	(41%-119%)		
2,4,5-Trichlorophenol	50.0			44.5	ug/L		89	(42%-122%)		
2,4,6-Trichlorophenol	50.0			43.6	ug/L		87	(40%-119%)		
2,4-Dichlorophenol	50.0			40.9	ug/L		82	(36%-111%)		
2,4-Dimethylphenol	50.0			22.6	ug/L		45	(31%-68%)		
2,4-Dinitrophenol	50.0			46.7	ug/L		93	(30%-120%)		
2,4-Dinitrotoluene	50.0			53.3	ug/L		107	(48%-128%)		
2,6-Dinitrotoluene	50.0			53.6	ug/L		107	(47%-124%)		
2-Chloronaphthalene	50.0			49.7	ug/L		99	(41%-113%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2-Chlorophenol	50.0			35.2	ug/L		70	(30%-95%)	LL2	04/16/26 17:32
2-Methyl-4,6-dinitrophenol	50.0			48.7	ug/L		97	(32%-131%)		
2-Methylnaphthalene	50.0			49.3	ug/L		99	(42%-116%)		
2-Nitrophenol	50.0			44.2	ug/L		88	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			46.5	ug/L		93	(43%-116%)		
4-Bromophenylphenylether	50.0			50.3	ug/L		101	(49%-125%)		
4-Chloro-3-methylphenol	50.0			39.4	ug/L		79	(35%-113%)		
4-Chloroaniline	50.0			38.7	ug/L		77	(39%-112%)		
4-Chlorophenylphenylether	50.0			50.3	ug/L		101	(48%-124%)		
4-Nitrophenol	50.0			30.7	ug/L		61	(25%-69%)		
Acenaphthene	50.0			47.7	ug/L		95	(44%-118%)		
Acenaphthylene	50.0			43.1	ug/L		86	(42%-110%)		
Acetophenone	50.0			41.1	ug/L		82	(44%-114%)		
Anthracene	50.0			47.2	ug/L		94	(49%-121%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Atrazine	50.0			31.7	ug/L		63	(49%-147%)	LL2	04/16/26 17:32
Benzaldehyde	50.0			12.5	ug/L		25*	(27%-111%)		
Benzo(a)anthracene	50.0			48.3	ug/L		97	(46%-121%)		
Benzo(a)pyrene	50.0			46.8	ug/L		94	(41%-120%)		
Benzo(b)fluoranthene	50.0			54.3	ug/L		109	(45%-126%)		
Benzo(ghi)perylene	50.0			52.1	ug/L		104	(44%-129%)		
Benzo(k)fluoranthene	50.0			50.0	ug/L		100	(44%-126%)		
Butylbenzylphthalate	50.0			54.7	ug/L		109	(47%-135%)		
Carbazole	50.0			51.2	ug/L		102	(52%-127%)		
Chrysene	50.0			47.1	ug/L		94	(46%-121%)		
Di-n-butylphthalate	50.0			52.2	ug/L		104	(51%-132%)		
Di-n-octylphthalate	50.0			54.9	ug/L		110	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			50.9	ug/L		102	(42%-123%)		
Dibenzofuran	50.0			48.2	ug/L		96	(48%-118%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Diethylphthalate	50.0			50.9	ug/L		102	(51%-131%)	LL2	04/16/26 17:32
Dimethylphthalate	50.0			47.9	ug/L		96	(48%-129%)		
Diphenylamine	50.0			48.2	ug/L		96	(49%-122%)		
Fluoranthene	50.0			52.1	ug/L		104	(50%-126%)		
Fluorene	50.0			48.6	ug/L		97	(48%-122%)		
Hexachlorobenzene	50.0			49.4	ug/L		99	(46%-122%)		
Hexachlorobutadiene	50.0			40.0	ug/L		80	(32%-94%)		
Hexachlorocyclopentadiene	50.0			15.1	ug/L		30*	(31%-64%)		
Hexachloroethane	50.0			37.5	ug/L		75	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			51.5	ug/L		103	(40%-125%)		
Isophorone	50.0			40.3	ug/L		81	(39%-126%)		
N-Nitrosodipropylamine	50.0			46.8	ug/L		94	(44%-122%)		
Naphthalene	50.0			44.1	ug/L		88	(41%-107%)		
Nitrobenzene	50.0			45.0	ug/L		90	(42%-112%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Pentachlorophenol	50.0			50.5	ug/L		101	(36%-124%)	LL2	04/16/26 17:32
Phenanthrene	50.0			48.4	ug/L		97	(48%-120%)		
Phenol	50.0			19.0	ug/L		38	(12%-90%)		
Pyrene	50.0			52.5	ug/L		105	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			43.8	ug/L		88	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			47.2	ug/L		94	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			43.7	ug/L		87	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			51.2	ug/L		102	(42%-132%)		
m,p-Cresols	50.0			33.9	ug/L		68	(29%-82%)		
m-Nitroaniline	50.0			48.8	ug/L		98	(44%-119%)		
o-Cresol	50.0			30.8	ug/L		62	(29%-86%)		
o-Nitroaniline	50.0			59.8	ug/L		120	(45%-128%)		
p-Nitroaniline	50.0			56.2	ug/L		112	(46%-130%)		
**2,4,6-Tribromophenol	100			90.9	ug/L		91	(28%-113%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
**2-Fluorobiphenyl	50.0			41.0	ug/L		82	(32%-102%)	LL2	04/16/26 17:32
**2-Fluorophenol	100			41.4	ug/L		41	(15%-72%)		
**Nitrobenzene-d5	50.0			41.2	ug/L		82	(31%-100%)		
**Phenol-d5	100			30.9	ug/L		31	(15%-85%)		
**p-Terphenyl-d14	50.0			42.5	ug/L		85	(20%-118%)		
QC1206435779 MB										
1,1'-Biphenyl			U	ND	ug/L					04/16/26 17:07
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2,6-Dinitrotoluene			U	ND	ug/L				LL2	04/16/26 17:07
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Acetophenone			U	ND	ug/L				LL2	04/16/26 17:07
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Dibenzo(a,h)anthracene			U	ND	ug/L				LL2	04/16/26 17:07
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Naphthalene			U	ND	ug/L				LL2	04/16/26 17:07
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
p-Nitroaniline				U	ND	ug/L				LL2	04/16/26 17:07
**2,4,6-Tribromophenol	100				71.4	ug/L		71	(28%-113%)		
**2-Fluorobiphenyl	50.0				34.6	ug/L		69	(32%-102%)		
**2-Fluorophenol	100				32.0	ug/L		32	(15%-72%)		
**Nitrobenzene-d5	50.0				33.5	ug/L		67	(31%-100%)		
**Phenol-d5	100				23.1	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0				38.0	ug/L		76	(20%-118%)		
QC1206435783 771903001 MS											
1,1'-Biphenyl	147	U	ND		110	ug/L		75	(30%-119%)		04/17/26 01:16
1,2,4,5-Tetrachlorobenzene	147	U	ND		108	ug/L		73	(28%-109%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		130	ug/L		88	(31%-125%)		
2,4,5-Trichlorophenol	147	U	ND		130	ug/L		89	(32%-128%)		
2,4,6-Trichlorophenol	147	U	ND		130	ug/L		88	(32%-122%)		
2,4-Dichlorophenol	147	U	ND		136	ug/L		92	(30%-117%)		
2,4-Dimethylphenol	147	U	ND		76.8	ug/L		52	(21%-75%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dinitrophenol	147	U	ND		146	ug/L		99	(24%-128%)	LL2	04/17/26 01:16
2,4-Dinitrotoluene	147	U	ND		144	ug/L		98	(36%-129%)		
2,6-Dinitrotoluene	147	U	ND		143	ug/L		97	(35%-126%)		
2-Chloronaphthalene	147	U	ND		138	ug/L		94	(31%-114%)		
2-Chlorophenol	147	U	ND		130	ug/L		88	(25%-106%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		144	ug/L		98	(25%-131%)		
2-Methylnaphthalene	147	U	ND		140	ug/L		95	(32%-117%)		
2-Nitrophenol	147	U	ND		141	ug/L		96	(28%-118%)		
3,3'-Dichlorobenzidine	147	U	ND		126	ug/L		86	(24%-119%)		
4-Bromophenylphenylether	147	U	ND		137	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	147	U	ND		126	ug/L		85	(32%-122%)		
4-Chloroaniline	147	U	ND		122	ug/L		83	(27%-117%)		
4-Chlorophenylphenylether	147	U	ND		136	ug/L		92	(35%-126%)		
4-Nitrophenol	147	U	ND		142	ug/L		96*	(9%-95%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Acenaphthene	147	U	ND		129	ug/L		88	(33%-118%)	LL2	04/17/26 01:16
Acenaphthylene	147	U	ND		118	ug/L		80	(30%-112%)		
Acetophenone	147	U	ND		121	ug/L		82	(31%-118%)		
Anthracene	147	U	ND		126	ug/L		86	(35%-122%)		
Atrazine	147	U	ND		78.5	ug/L		53	(26%-158%)		
Benzaldehyde	147	U	ND	U	ND	ug/L		0 *	(16%-109%)		
Benzo(a)anthracene	147	U	ND		128	ug/L		87	(33%-122%)		
Benzo(a)pyrene	147	U	ND		125	ug/L		85	(30%-121%)		
Benzo(b)fluoranthene	147	U	ND		142	ug/L		96	(33%-128%)		
Benzo(ghi)perylene	147	U	ND		138	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	147	U	ND		134	ug/L		91	(32%-128%)		
Butylbenzylphthalate	147	U	ND		146	ug/L		99	(35%-136%)		
Carbazole	147	U	ND		138	ug/L		94	(39%-129%)		
Chrysene	147	U	ND		125	ug/L		85	(34%-122%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Di-n-butylphthalate	147	U	ND		140	ug/L		95	(36%-133%)	LL2	04/17/26 01:16
Di-n-octylphthalate	147	U	ND		148	ug/L		100	(29%-136%)		
Dibenzo(a,h)anthracene	147	U	ND		135	ug/L		92	(30%-124%)		
Dibenzofuran	147	U	ND		131	ug/L		89	(36%-120%)		
Diethylphthalate	147	U	ND		136	ug/L		92	(37%-133%)		
Dimethylphthalate	147	U	ND		134	ug/L		91	(36%-131%)		
Diphenylamine	147	U	ND		132	ug/L		90	(33%-124%)		
Fluoranthene	147	U	ND		140	ug/L		95	(36%-128%)		
Fluorene	147	U	ND		132	ug/L		90	(35%-124%)		
Hexachlorobenzene	147	U	ND		135	ug/L		92	(34%-123%)		
Hexachlorobutadiene	147	U	ND		111	ug/L		76	(22%-97%)		
Hexachlorocyclopentadiene	147	U	ND		42.7	ug/L		29	(18%-65%)		
Hexachloroethane	147	U	ND		102	ug/L		70	(20%-91%)		
Indeno(1,2,3-cd)pyrene	147	U	ND		137	ug/L		93	(29%-127%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Isophorone	147	U	ND		114	ug/L		77	(27%-128%)	LL2	04/17/26 01:16
N-Nitrosodipropylamine	147	U	ND		134	ug/L		91	(30%-128%)		
Naphthalene	147	U	ND		125	ug/L		85	(30%-109%)		
Nitrobenzene	147	U	ND		127	ug/L		86	(30%-117%)		
Pentachlorophenol	147	U	ND		140	ug/L		95	(30%-131%)		
Phenanthrene	147	U	ND		130	ug/L		89	(35%-122%)		
Phenol	147	U	ND		109	ug/L		74	(16%-74%)		
Pyrene	147	U	ND		139	ug/L		95	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		124	ug/L		84	(19%-144%)		
bis(2-Chloroethoxy)methane	147	U	ND		134	ug/L		91	(31%-117%)		
bis(2-Chloroethyl) ether	147	U	ND		129	ug/L		87	(29%-113%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		136	ug/L		92	(29%-135%)		
m,p-Cresols	147	U	ND		143	ug/L		97	(21%-105%)		
m-Nitroaniline	147	U	ND		141	ug/L		96	(29%-127%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
o-Cresol	147	U	ND		126	ug/L		85	(23%-104%)	LL2	04/17/26 01:16
o-Nitroaniline	147	U	ND		163	ug/L		111	(32%-130%)		
p-Nitroaniline	147	U	ND		156	ug/L		106	(33%-134%)		
**2,4,6-Tribromophenol	294		85.3		270	ug/L		92	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		115	ug/L		78	(32%-102%)		
**2-Fluorophenol	294		42.4		209	ug/L		71	(15%-72%)		
**Nitrobenzene-d5	147		36.3		119	ug/L		81	(31%-100%)		
**Phenol-d5	294		27.1		193	ug/L		66	(15%-85%)		
**p-Terphenyl-d14	147		39.1		126	ug/L		86	(20%-118%)		
QC1206435784 771903001 MSD											
1,1'-Biphenyl	147	U	ND		127	ug/L	15	87	(0%-30%)		04/17/26 01:42
1,2,4,5-Tetrachlorobenzene	147	U	ND		125	ug/L	15	85	(0%-30%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		151	ug/L	15	103	(0%-30%)		
2,4,5-Trichlorophenol	147	U	ND		152	ug/L	15	103	(0%-30%)		
2,4,6-Trichlorophenol	147	U	ND		151	ug/L	15	102	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dichlorophenol	147	U	ND		155	ug/L	13	105	(0%-30%)	LL2	04/17/26 01:42
2,4-Dimethylphenol	147	U	ND		87.0	ug/L	12	59	(0%-30%)		
2,4-Dinitrophenol	147	U	ND		165	ug/L	12	112	(0%-30%)		
2,4-Dinitrotoluene	147	U	ND		166	ug/L	15	113	(0%-30%)		
2,6-Dinitrotoluene	147	U	ND		165	ug/L	14	112	(0%-30%)		
2-Chloronaphthalene	147	U	ND		156	ug/L	12	106	(0%-30%)		
2-Chlorophenol	147	U	ND		145	ug/L	11	99	(0%-30%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		170	ug/L	17	115	(0%-30%)		
2-Methylnaphthalene	147	U	ND		160	ug/L	13	108	(0%-30%)		
2-Nitrophenol	147	U	ND		163	ug/L	14	111	(0%-30%)		
3,3'-Dichlorobenzidine	147	U	ND		146	ug/L	15	99	(0%-30%)		
4-Bromophenylphenylether	147	U	ND		158	ug/L	14	107	(0%-30%)		
4-Chloro-3-methylphenol	147	U	ND		153	ug/L	19	104	(0%-30%)		
4-Chloroaniline	147	U	ND		139	ug/L	13	95	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date Time
Semi-Volatile-GC/MS													
Batch 2977541													
4-Chlorophenylphenylether	147	U	ND		157	ug/L	15		107		(0%-30%)	LL2	04/17/26 01:42
4-Nitrophenol	147	U	ND		137	ug/L	3		93		(0%-30%)		
Acenaphthene	147	U	ND		150	ug/L	15		102		(0%-30%)		
Acenaphthylene	147	U	ND		136	ug/L	14		92		(0%-30%)		
Acetophenone	147	U	ND		138	ug/L	13		94		(0%-30%)		
Anthracene	147	U	ND		143	ug/L	13		97		(0%-30%)		
Atrazine	147	U	ND		83.6	ug/L	6		57		(0%-30%)		
Benzaldehyde	147	U	ND	J	21.5	ug/L	200	*	15	*	(0%-30%)		
Benzo(a)anthracene	147	U	ND		148	ug/L	15		101		(0%-30%)		
Benzo(a)pyrene	147	U	ND		144	ug/L	14		98		(0%-30%)		
Benzo(b)fluoranthene	147	U	ND		170	ug/L	18		116		(0%-30%)		
Benzo(ghi)perylene	147	U	ND		162	ug/L	16		110		(0%-30%)		
Benzo(k)fluoranthene	147	U	ND		147	ug/L	10		100		(0%-30%)		
Butylbenzylphthalate	147	U	ND		170	ug/L	15		116		(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Carbazole	147	U	ND		156	ug/L	12	106	(0%-30%)	LL2	04/17/26 01:42
Chrysene	147	U	ND		144	ug/L	14	98	(0%-30%)		
Di-n-butylphthalate	147	U	ND		161	ug/L	14	109	(0%-30%)		
Di-n-octylphthalate	147	U	ND		171	ug/L	14	116	(0%-30%)		
Dibenzo(a,h)anthracene	147	U	ND		157	ug/L	15	107	(0%-30%)		
Dibenzofuran	147	U	ND		151	ug/L	15	103	(0%-30%)		
Diethylphthalate	147	U	ND		157	ug/L	14	107	(0%-30%)		
Dimethylphthalate	147	U	ND		153	ug/L	13	104	(0%-30%)		
Diphenylamine	147	U	ND		150	ug/L	12	102	(0%-30%)		
Fluoranthene	147	U	ND		160	ug/L	13	108	(0%-30%)		
Fluorene	147	U	ND		151	ug/L	13	102	(0%-30%)		
Hexachlorobenzene	147	U	ND		156	ug/L	15	106	(0%-30%)		
Hexachlorobutadiene	147	U	ND		125	ug/L	11	85	(0%-30%)		
Hexachlorocyclopentadiene	147	U	ND		50.9	ug/L	18	35	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Hexachloroethane	147	U	ND		112	ug/L	9	76	(0%-30%)	LL2	04/17/26 01:42
Indeno(1,2,3-cd)pyrene	147	U	ND		159	ug/L	15	108	(0%-30%)		
Isophorone	147	U	ND		130	ug/L	13	88	(0%-30%)		
N-Nitrosodipropylamine	147	U	ND		155	ug/L	15	105	(0%-30%)		
Naphthalene	147	U	ND		140	ug/L	12	95	(0%-30%)		
Nitrobenzene	147	U	ND		145	ug/L	13	98	(0%-30%)		
Pentachlorophenol	147	U	ND		161	ug/L	14	109	(0%-30%)		
Phenanthrene	147	U	ND		149	ug/L	13	101	(0%-30%)		
Phenol	147	U	ND		122	ug/L	12	83*	(0%-30%)		
Pyrene	147	U	ND		160	ug/L	14	108	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		140	ug/L	12	95	(0%-30%)		
bis(2-Chloroethoxy)methane	147	U	ND		155	ug/L	14	105	(0%-30%)		
bis(2-Chloroethyl) ether	147	U	ND		142	ug/L	10	97	(0%-30%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		158	ug/L	15	108	(0%-30%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
m,p-Cresols	147	U	ND		161	ug/L	12	110*	(0%-30%)	LL2	04/17/26 01:42
m-Nitroaniline	147	U	ND		160	ug/L	13	109	(0%-30%)		
o-Cresol	147	U	ND		141	ug/L	12	96	(0%-30%)		
o-Nitroaniline	147	U	ND		189	ug/L	15	128	(0%-30%)		
p-Nitroaniline	147	U	ND		175	ug/L	11	119	(0%-30%)		
**2,4,6-Tribromophenol	294		85.3		307	ug/L		104	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		130	ug/L		89	(32%-102%)		
**2-Fluorophenol	294		42.4		230	ug/L		78*	(15%-72%)		
**Nitrobenzene-d5	147		36.3		135	ug/L		92	(31%-100%)		
**Phenol-d5	294		27.1		215	ug/L		73	(15%-85%)		
**p-Terphenyl-d14	147		39.1		141	ug/L		96	(20%-118%)		
Spectrometric Analysis											
Batch 2974696											
QC1206430727 771544002 DUP											
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A			BR2	04/09/26 10:11
QC1206430726 LCS											
Hexavalent Chromium	0.0472				0.0501	mg/L		106	(85%-115%)		04/09/26 10:11

QC Summary

Workorder: 771544

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Spectrometric Analysis												
Batch 2974696												
QC1206430725 MB												
Hexavalent Chromium				U	ND	mg/L				BR2	04/09/26	10:11
QC1206430728 771544002 MS												
Hexavalent Chromium	0.0472	U	ND		0.0512	mg/L		109	(85%-115%)		04/09/26	10:11
Volatile-GC/MS												
Batch 2981021												
QC1206442007 LCS												
1,1,1-Trichloroethane	50.0				50.1	ug/L		100	(70%-130%)	KE2	04/20/26	10:22
1,1,2,2-Tetrachloroethane	50.0				49.3	ug/L		99	(70%-130%)			
1,1,2-Trichloroethane	50.0				50.6	ug/L		101	(70%-130%)			
1,1-Dichloroethane	50.0				49.5	ug/L		99	(70%-130%)			
1,1-Dichloroethylene	50.0				51.6	ug/L		103	(70%-130%)			
1,2,3-Trichlorobenzene	50.0				46.0	ug/L		92	(70%-130%)			
1,2,4-Trichlorobenzene	50.0				46.0	ug/L		92	(70%-130%)			
1,2-Dibromo-3-chloropropane	50.0				44.8	ug/L		90	(70%-130%)			
1,2-Dibromoethane	50.0				51.0	ug/L		102	(70%-130%)			
1,2-Dichlorobenzene	50.0				46.3	ug/L		93	(70%-130%)			
1,2-Dichloroethane	50.0				52.2	ug/L		104	(70%-130%)			

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981021										
1,2-Dichloropropane	50.0			49.1	ug/L		98	(70%-130%)	KE2	04/20/26 10:22
1,3-Dichlorobenzene	50.0			45.7	ug/L		91	(70%-130%)		
1,4-Dichlorobenzene	50.0			45.2	ug/L		90	(70%-130%)		
2-Butanone	250			264	ug/L		106	(70%-130%)		
2-Hexanone	250			259	ug/L		104	(70%-130%)		
4-Methyl-2-pentanone	250			250	ug/L		100	(70%-130%)		
Acetone	250			305	ug/L		122	(70%-130%)		
Benzene	50.0			48.6	ug/L		97	(70%-130%)		
Bromochloromethane	50.0			51.7	ug/L		103	(70%-130%)		
Bromodichloromethane	50.0			51.1	ug/L		102	(70%-130%)		
Bromoform	50.0			47.7	ug/L		95	(70%-130%)		
Bromomethane	50.0			49.8	ug/L		100	(70%-130%)		
Carbon disulfide	250			272	ug/L		109	(70%-130%)		
Carbon tetrachloride	50.0			50.3	ug/L		101	(70%-130%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981021										
Chlorobenzene	50.0			45.2	ug/L		90	(70%-130%)	KE2	04/20/26 10:22
Chloroethane	50.0			56.9	ug/L		114	(70%-130%)		
Chloroform	50.0			51.6	ug/L		103	(70%-130%)		
Chloromethane	50.0			58.8	ug/L		118	(70%-130%)		
Cyclohexane	50.0			46.9	ug/L		94	(70%-130%)		
Dibromochloromethane	50.0			49.7	ug/L		99	(70%-130%)		
Dichlorodifluoromethane	50.0			54.6	ug/L		109	(70%-130%)		
Ethylbenzene	50.0			47.0	ug/L		94	(70%-130%)		
Isopropylbenzene	50.0			48.2	ug/L		96	(70%-130%)		
Methyl acetate	250			282	ug/L		113	(70%-130%)		
Methylcyclohexane	50.0			47.6	ug/L		95	(70%-130%)		
Methylene chloride	50.0		B	49.5	ug/L		99	(70%-130%)		
Styrene	50.0			46.3	ug/L		93	(70%-130%)		
Tetrachloroethylene	50.0			45.3	ug/L		91	(70%-130%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981021										
Toluene	50.0			46.9	ug/L		94	(70%-130%)	KE2	04/20/26 10:22
Trichloroethylene	50.0			50.9	ug/L		102	(70%-130%)		
Trichlorofluoromethane	50.0			52.8	ug/L		106	(70%-130%)		
Vinyl chloride	50.0			67.2	ug/L		134*	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			53.0	ug/L		106	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			51.2	ug/L		102	(70%-130%)		
m,p-Xylenes	100			89.5	ug/L		89	(70%-130%)		
o-Xylene	50.0			46.4	ug/L		93	(70%-130%)		
tert-Butyl methyl ether	50.0			48.1	ug/L		96	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			50.4	ug/L		101	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			48.6	ug/L		97	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			51.3	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0			48.8	ug/L		98	(77%-123%)		
**Toluene-d8	50.0			48.1	ug/L		96	(77%-121%)		

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981021										
QC1206442008 LCS										
1,4-Dioxane	2500			2280	ug/L		91	(70%-130%)	KE2	04/20/26 10:47
Trichlorotrifluoroethane	250			229	ug/L		92	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			51.8	ug/L		104	(71%-131%)		
**Bromofluorobenzene	50.0			49.7	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			48.5	ug/L		97	(77%-121%)		
QC1206442009 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/20/26 12:03
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981021										
1,2-Dichlorobenzene			U	ND	ug/L				KE2	04/20/26 12:03
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981021										
Bromomethane			U	ND	ug/L				KE2	04/20/26 12:03
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981021										
Methylene chloride			J	1.96	ug/L				KE2	04/20/26 12:03
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
trans-1,3-Dichloropropylene				U	ND	ug/L				KE2	04/20/26 12:03
**1,2-Dichloroethane-d4	50.0				51.8	ug/L		104	(71%-131%)		
**Bromofluorobenzene	50.0				49.3	ug/L		99	(77%-123%)		
**Toluene-d8	50.0				48.9	ug/L		98	(77%-121%)		
QC1206442010 771387001 MS											
1,1,1-Trichloroethane	50.0	U	ND		52.0	ug/L		104	(60%-123%)		04/20/26 19:38
1,1,2,2-Tetrachloroethane	50.0	U	ND		51.6	ug/L		103	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		52.9	ug/L		106	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		54.8	ug/L		110	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		57.0	ug/L		114	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		43.5	ug/L		87	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		43.5	ug/L		87	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		41.6	ug/L		83	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		52.5	ug/L		105	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		48.9	ug/L		98	(58%-123%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
1,2-Dichloroethane	50.0	U	ND		56.1	ug/L		112	(58%-130%)	KE2	04/20/26 19:38
1,2-Dichloropropane	50.0	U	ND		53.7	ug/L		107	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		48.5	ug/L		97	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		48.2	ug/L		96	(54%-123%)		
2-Butanone	250	U	ND		265	ug/L		106	(59%-136%)		
2-Hexanone	250	U	ND		263	ug/L		105	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		253	ug/L		101	(63%-135%)		
Acetone	250	U	ND		286	ug/L		115	(50%-140%)		
Benzene	50.0	U	ND		51.8	ug/L		104	(64%-119%)		
Bromochloromethane	50.0	U	ND		53.1	ug/L		106	(63%-130%)		
Bromodichloromethane	50.0	U	ND		53.0	ug/L		106	(65%-125%)		
Bromoform	50.0	U	ND		46.9	ug/L		94	(49%-129%)		
Bromomethane	50.0	U	ND		58.5	ug/L		117	(55%-154%)		
Carbon disulfide	250	U	ND		297	ug/L		119	(60%-139%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
Carbon tetrachloride	50.0	U	ND		52.6	ug/L		105	(60%-127%)	KE2	04/20/26 19:38
Chlorobenzene	50.0	U	ND		49.0	ug/L		98	(61%-120%)		
Chloroethane	50.0	U	ND		63.8	ug/L		128	(60%-138%)		
Chloroform	50.0	U	ND		54.5	ug/L		109	(64%-122%)		
Chloromethane	50.0	U	ND		63.4	ug/L		127	(43%-161%)		
Cyclohexane	50.0	U	ND		49.0	ug/L		98	(51%-125%)		
Dibromochloromethane	50.0	U	ND		50.9	ug/L		102	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		52.9	ug/L		106	(37%-162%)		
Ethylbenzene	50.0	U	ND		50.7	ug/L		101	(57%-122%)		
Isopropylbenzene	50.0	U	ND		51.1	ug/L		102	(53%-128%)		
Methyl acetate	250	U	ND		274	ug/L		110	(58%-145%)		
Methylcyclohexane	50.0	U	ND		49.6	ug/L		99	(58%-122%)		
Methylene chloride	50.0	BJ	4.39	B	52.8	ug/L		97	(61%-135%)		
Styrene	50.0	U	ND		49.9	ug/L		100	(55%-125%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
Tetrachloroethylene	50.0	U	ND		47.5	ug/L		95	(53%-124%)	KE2	04/20/26 19:38
Toluene	50.0	U	ND		51.3	ug/L		103	(60%-120%)		
Trichloroethylene	50.0	U	ND		54.6	ug/L		109	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		55.2	ug/L		110	(51%-134%)		
Vinyl chloride	50.0	U	ND		71.2	ug/L		142	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		57.4	ug/L		115	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		50.7	ug/L		101	(61%-123%)		
m,p-Xylenes	100	U	ND		97.4	ug/L		97	(58%-122%)		
o-Xylene	50.0	U	ND		50.7	ug/L		101	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		47.5	ug/L		95	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		54.9	ug/L		110	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		48.3	ug/L		97	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		53.5		51.0	ug/L		102	(71%-131%)		
**Bromofluorobenzene	50.0		50.7		49.8	ug/L		100	(77%-123%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
**Toluene-d8	50.0		49.7		50.2	ug/L		100	(77%-121%)	KE2	04/20/26 19:38
QC1206442012 771387001 MS											
1,4-Dioxane	2500	U	ND		2580	ug/L		103	(50%-136%)		04/20/26 20:28
Trichlorotrifluoroethane	250	U	ND		279	ug/L		112	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		53.5		53.6	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0		50.7		51.2	ug/L		102	(77%-123%)		
**Toluene-d8	50.0		49.7		50.0	ug/L		100	(77%-121%)		
QC1206442011 771387001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		54.2	ug/L	4	108	(0%-20%)		04/20/26 20:03
1,1,2,2-Tetrachloroethane	50.0	U	ND		56.6	ug/L	9	113	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		55.7	ug/L	5	111	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		55.8	ug/L	2	112	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		56.4	ug/L	1	113	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		48.1	ug/L	10	96	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		48.1	ug/L	10	96	(0%-20%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2981021												
1,2-Dibromo-3-chloropropane	50.0	U	ND		48.3	ug/L	15	97	(0%-20%)	KE2	04/20/26	20:03
1,2-Dibromoethane	50.0	U	ND		55.3	ug/L	5	111	(0%-20%)			
1,2-Dichlorobenzene	50.0	U	ND		50.8	ug/L	4	102	(0%-20%)			
1,2-Dichloroethane	50.0	U	ND		58.1	ug/L	3	116	(0%-20%)			
1,2-Dichloropropane	50.0	U	ND		54.5	ug/L	1	109	(0%-20%)			
1,3-Dichlorobenzene	50.0	U	ND		49.9	ug/L	3	100	(0%-20%)			
1,4-Dichlorobenzene	50.0	U	ND		49.1	ug/L	2	98	(0%-20%)			
2-Butanone	250	U	ND		288	ug/L	8	115	(0%-20%)			
2-Hexanone	250	U	ND		288	ug/L	9	115	(0%-20%)			
4-Methyl-2-pentanone	250	U	ND		276	ug/L	9	110	(0%-20%)			
Acetone	250	U	ND		337	ug/L	16	135	(0%-20%)			
Benzene	50.0	U	ND		52.9	ug/L	2	106	(0%-20%)			
Bromochloromethane	50.0	U	ND		55.1	ug/L	4	110	(0%-20%)			
Bromodichloromethane	50.0	U	ND		55.0	ug/L	4	110	(0%-20%)			

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
Bromoform	50.0	U	ND		51.3	ug/L	9	103	(0%-20%)	KE2	04/20/26 20:03
Bromomethane	50.0	U	ND		54.3	ug/L	7	109	(0%-20%)		
Carbon disulfide	250	U	ND		300	ug/L	1	120	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		54.5	ug/L	4	109	(0%-20%)		
Chlorobenzene	50.0	U	ND		49.5	ug/L	1	99	(0%-20%)		
Chloroethane	50.0	U	ND		60.8	ug/L	5	122	(0%-20%)		
Chloroform	50.0	U	ND		56.3	ug/L	3	113	(0%-20%)		
Chloromethane	50.0	U	ND		60.2	ug/L	5	120	(0%-20%)		
Cyclohexane	50.0	U	ND		50.7	ug/L	4	101	(0%-20%)		
Dibromochloromethane	50.0	U	ND		53.1	ug/L	4	106	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		53.3	ug/L	1	107	(0%-20%)		
Ethylbenzene	50.0	U	ND		51.4	ug/L	1	103	(0%-20%)		
Isopropylbenzene	50.0	U	ND		54.3	ug/L	6	109	(0%-20%)		
Methyl acetate	250	U	ND		295	ug/L	7	118	(0%-20%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
Methylcyclohexane	50.0	U	ND		51.5	ug/L	4	103	(0%-20%)	KE2	04/20/26 20:03
Methylene chloride	50.0	BJ	4.39	B	53.9	ug/L	2	99	(0%-20%)		
Styrene	50.0	U	ND		49.7	ug/L	0	99	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		48.2	ug/L	2	96	(0%-20%)		
Toluene	50.0	U	ND		52.0	ug/L	2	104	(0%-20%)		
Trichloroethylene	50.0	U	ND		55.1	ug/L	1	110	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		54.0	ug/L	2	108	(0%-20%)		
Vinyl chloride	50.0	U	ND		66.9	ug/L	6	134	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		58.4	ug/L	2	117	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		52.5	ug/L	3	105	(0%-20%)		
m,p-Xylenes	100	U	ND		97.7	ug/L	0	98	(0%-20%)		
o-Xylene	50.0	U	ND		51.2	ug/L	1	102	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		51.2	ug/L	7	102	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		56.0	ug/L	2	112	(0%-20%)		

QC Summary

Workorder: **771544**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981021											
trans-1,3-Dichloropropylene	50.0	U	ND		50.7	ug/L	5	101	(0%-20%)	KE2	04/20/26 20:03
**1,2-Dichloroethane-d4	50.0		53.5		52.3	ug/L		105	(71%-131%)		
**Bromofluorobenzene	50.0		50.7		51.5	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		49.7		50.6	ug/L		101	(77%-121%)		
QC1206442013 771387001 MSD											
1,4-Dioxane	2500	U	ND		2330	ug/L	10	93	(0%-20%)		04/20/26 20:54
Trichlorotrifluoroethane	250	U	ND		260	ug/L	7	104	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		53.5		51.7	ug/L		103	(71%-131%)		
**Bromofluorobenzene	50.0		50.7		52.2	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		49.7		49.4	ug/L		99	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

- U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J J Value is estimated
- Q Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
- Q Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- E E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
- B B The target analyte was detected in the associated blank.

QC Summary

Workorder: **771544**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page ____ of ____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1):
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 771544
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Front St., Georgetown, SC
Collected By: Client (BPB)
Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive (If yes, please supply isotopic info.)	Should this sample be considered: (7) Known or possible Hazards	Total number of containers	HA		NS	NS					<-- Preservative Type (6)
									TCL VOCs	TCL SVOCs	Total TAL metals + Hg	Dissolved TAL * metals + Hg	Total Cr6	Dissolved * Cr6	Cyanide	PFAS 1633	
LS-TB-040826	04-08-26	0930	TB	N	DI			3	3								
LS-PW-02		1015	G	N *	GW			13	3	2	1	1	1	1		4	* Dissolved TAL metals + Cr6 filtered in field
LS-PW-02-DP		1017	FD	N *	GW			13	3	2	1	1	1	1		4	
LS-PW-01		1100	G	N *	GW			13	3	2	1	1	1	1		4	
LS-PW-03		1230	G	N *	GW			13	3	2	1	1	1	1		4	
LS-PW-04		1415	G	N *	GW			13	3	2	1	1	1	1		4	

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	4.8.26	1635	1	4/8/26	1635
2			2		
3			3		

TAT Requested: Normal: ✓ Rush: ____ Specify: ____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: ____ °C

> *For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)*

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1) Chain of Custody Number - Client Determined

2) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite

3) Field Filtered - For liquid matrices, indicate with a - Y - for yes the sample was field filtered or - N - for sample was not field filtered.

4) Matrix Codes: DW = Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Sediment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal

5) Sample Analysis Requested - Analytical method requested (i.e. 8260B, 6010B/7470A) and number of containers provided for each (i.e. 8260B - 3, 6010B 7470A - 1)

6) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

7) KNOWN OR POSSIBLE HAZARDS

RCRA Metals
As = Arsenic, Hg= Mercury
Ba = Barium, Se= Selenium
Cd = Cadmium, Ag= Silver
Cr = Chromium, MR= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RIDE	SDG/AR/COC/Work Order: 771544	GEL PM:
Received By: MLS/ED	Date Received at GEL: 4-08-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS Field Services Courier Client Other:

IR Temp gun # IR1-25 Daily Calibration Performed? Y/N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
N/A	4				
	4				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes__ No__
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 CPM / mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: Wet Ice Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓	MLS 4-8-26		Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes__ No✓ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes✓ No__ NA__ (If unknown, select No) Are liquid VOA vials free of headspace? Yes✓ No__ NA__ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 4/9/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771544

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2981021

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544001	LS-TB-040826
771544002	LS-PW-02
771544004	LS-PW-02-DP
771544006	LS-PW-01
771544008	LS-PW-03
771544010	LS-PW-04
1206442007	Laboratory Control Sample (LCS) **Batch 2981021**
1206442008	Laboratory Control Sample (LCS)
1206442009	Method Blank (MB)
1206442010	771387001(NonSDG) Matrix Spike (MS)
1206442011	771387001(NonSDG) Matrix Spike Duplicate (MSD)
1206442012	771387001(NonSDG) Matrix Spike (MS)
1206442013	771387001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 771544001 (LS-TB-040826), 771544002 (LS-PW-02), 771544004 (LS-PW-02-DP), 771544006 (LS-PW-01), 771544008 (LS-PW-03) and 771544010 (LS-PW-04) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206442009 (MB)	Methylene chloride	1.96 ug/L between (0.5 - 5)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206442007 (LCS)	Vinyl chloride	134* (70%-130%)

Miscellaneous Information

Manual Integrations
Some initial calibration standards, continuing calibration standards, and/or samples may have required manual integrations due to software limitations.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2975606

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2975605

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544002	LS-PW-02
771544004	LS-PW-02-DP
771544006	LS-PW-01
1206432449	Method Blank (MB) **Batch 2975606**
1206432450	Laboratory Control Sample (LCS)
1206434271	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCSD was used in place of matrix QC due to limited sample volume.

Technical Information

Preparation/Analytical Method Verification

Per Prep Logbook Comments: Samples 771544008 (LS-PW-03) and 771544010 (LS-PW-04) were emulsive during acid and base extractions.

Sample Re-extraction/Re-analysis
Samples 771544008 (LS-PW-03) and 771544010 (LS-PW-04) were re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2977541

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2977540

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544008	LS-PW-03
771544010	LS-PW-04
1206435779	Method Blank (MB) **Batch 2977541**
1206435780	Laboratory Control Sample (LCS)
1206435783	771903001(NonSDG) Matrix Spike (MS)
1206435784	771903001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) displayed failing surrogate recoveries. Because the recoveries were biased high and target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435784 (Non SDG 771903001MSD)	2-Fluorophenol	78* (15%-72%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435780 (LCS)	Benzaldehyde	25* (27%-111%)
	Hexachlorocyclopentadiene	30* (31%-64%)

Spike Recovery Statement
The MS or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. Because the recoveries were biased high and the target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	4-Nitrophenol	96* (9%-95%)
1206435784 (Non SDG 771903001MSD)	Phenol	83* (16%-74%)
	m, p-Cresols	110* (21%-105%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	Benzaldehyde	0* (16%-109%)
1206435784 (Non SDG 771903001MSD)	Benzaldehyde	15* (16%-109%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206435783MS and 1206435784MSD (Non SDG 771903001)	Benzaldehyde	RPD 200* (0%-30%)

Technical Information

Preparation/Analytical Method Verification
Samples 771544008 (LS-PW-03) and 771544010 (LS-PW-04) were emulsive during acid and base extractions.

Sample Re-extraction/Re-analysis
Samples 771544008 (LS-PW-03) and 771544010 (LS-PW-04) were re-extracted within holding due to surrogate failure. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

LCMSMS-Misc

Product: **Extraction and Analysis of Per- and Polyfluoroalkyl (PFAS) Substances using LCMSMS by Method 1633/1633A**
Analytical Method: EPA 1633
Analytical Procedure: GL-OA-E-076D REV# 7
Analytical Batches: 2976456 and 2976455

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544002	LS-PW-02
771544004	LS-PW-02-DP
1206434043	Method Blank (MB) **Batch 2976456**
1206434044	Laboratory Control Sample (LCS)
1206434045	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Initial Calibration
Due to a software limitation, PFTrDA is quantitated using the average areas of the labeled compound 13C2-PFTeDA only.

Miscellaneous Information

Additional Comments
Total Suspended Solids (TSS) of 50 mg per sample are assessed by visual comparison.

Product: **Extraction and Analysis of Per- and Polyfluoroalkyl (PFAS) Substances using LCMSMS by Method 1633/1633A**

Analytical Method: EPA 1633
Analytical Procedure: GL-OA-E-076D REV# 7
Analytical Batches: 2978823 and 2978822

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544006	LS-PW-01
771544008	LS-PW-03
771544010	LS-PW-04
1206437775	Method Blank (MB) **Batch 2978823**
1206437776	Laboratory Control Sample (LCS)
1206437777	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Initial Calibration
Due to a software limitation, PFTrDA is quantitated using the average areas of the labeled compound 13C2-PFTeDA only.

Miscellaneous Information

Additional Comments
Total Suspended Solids (TSS) of 50 mg per sample are assessed by visual comparison.

Metals

Product: Determination of Metals by ICP
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2974714

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2974713

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544002	LS-PW-02
771544003	LS-PW-02 Field Filtered
771544004	LS-PW-02-DP
771544005	LS-PW-02-DP Field Filtered
771544006	LS-PW-01
771544007	LS-PW-01 Field Filtered
771544008	LS-PW-03

771544009	LS-PW-03 Field Filtered
771544010	LS-PW-04
771544011	LS-PW-04
1206430768	Method Blank (MB)**ICP Batch 2974714**
1206430769	Laboratory Control Sample (LCS)
1206430773	771544002(LS-PW-02L) Serial Dilution (SD)
1206430770	771544002(LS-PW-02S) Matrix Spike (MS)
1206430771	771544002(LS-PW-02SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all the applicable analytes were within the established acceptance criteria. Matrix suppression may be suspected. The data has been qualified.

Sample	Analyte	Value
1206430773 (LS-PW-02SDILT)	Barium	24.6 *(0%-20%)
	Calcium	27.1 *(0%-20%)
	Iron, Magnesium	26.6 *(0%-20%)
	Manganese	23.5 *(0%-20%)

Technical Information

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of sodium within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 771544002 (LS-PW-02), 771544003 (LS-PW-02 Field Filtered), 771544004 (LS-PW-02-DP), 771544005 (LS-PW-02-DP Field Filtered), 771544008 (LS-PW-03), 771544009 (LS-PW-03 Field Filtered), 771544010 (LS-PW-04) and 771544011 (LS-PW-04).

Analyte	771544							
	002	**003**	**004**	**005**	**008**	**009**	**010**	**011**
Potassium	5X	5X	5X	5X	5X	10X	5X	5X
Sodium	5X	5X	5X	5X	5X	10X	5X	5X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42

Analytical Batch: 2974804

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2974803

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544002	LS-PW-02
771544003	LS-PW-02 Field Filtered
771544004	LS-PW-02-DP
771544005	LS-PW-02-DP Field Filtered
771544006	LS-PW-01
771544007	LS-PW-01 Field Filtered
771544008	LS-PW-03
771544009	LS-PW-03 Field Filtered
771544010	LS-PW-04
771544011	LS-PW-04
1206429262	Filtration Blank (FLTB)
1206430976	Method Blank (MB)**CVAA Batch 2974804**
1206430977	Laboratory Control Sample (LCS)
1206430978	771225001(NonSDGD) Sample Duplicate (DUP)
1206430979	771225001(NonSDGS) Matrix Spike (MS)
1206430980	771225001(NonSDGPS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike also did not meet the required control limits; thus, confirming matrix interferences and/or sample non-homogeneity.

Sample	Analyte	Value
1206430979 (Non SDG 771225001MS)	Mercury	-2.2* (75%-125%)

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2974696

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771544002	LS-PW-02
771544003	LS-PW-02 Field Filtered
771544004	LS-PW-02-DP
771544005	LS-PW-02-DP Field Filtered
771544006	LS-PW-01
771544007	LS-PW-01 Field Filtered
771544008	LS-PW-03
771544009	LS-PW-03 Field Filtered
771544010	LS-PW-04
771544011	LS-PW-04
1206430725	Method Blank (MB) **Batch 2974696**
1206430726	Laboratory Control Sample (LCS)
1206430727	771544002(LS-PW-02) Sample Duplicate (DUP)
1206430728	771544002(LS-PW-02) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Sample Dilutions
The following samples 771544008 (LS-PW-03) and 771544010 (LS-PW-04) were diluted because target analyte concentrations exceeded the calibration range. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	771544	
	008	010
Hexavalent Chromium	5X	5X

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

July 02, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 768213

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 12, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the previous revision noted as SDG number 768213 Rev02 in the left-hand footer of the data report. The report has been revised to include VOC analysis for 1,4-Dioxane.

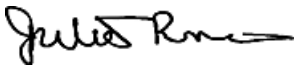
The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

The laboratory preserved the following containers:
No containers were preserved at GEL

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,



Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 768213 GEL Work Order: 768213

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a Tracer compound
** Analyte is a surrogate compound
B The target analyte was detected in the associated blank.
J Value is estimated
Q ISO17025 / NELAC accredited; SC certification not held at time of analysis
Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031226
Sample ID: 768213001
Matrix: Water
Collect Date: 12-MAR-26 11:30
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	0958	2967250	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-031226 Project: RVDE00226C
Sample ID: 768213001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.5 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.5 ug/L	50.0	87	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	46.7 ug/L	50.0	93	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04
Sample ID: 768213002
Matrix: Surface Water
Collect Date: 12-MAR-26 11:40
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0850	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1409	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1060	68.0	200	ug/L	1.00	1	EM2	03/19/26	1844	2961123	2
Antimony	J	6.28	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		51.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		26000	50.0	200	ug/L	1.00	1					
Chromium		27.6	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.56	1.00	5.00	ug/L	1.00	1					
Copper		25.0	3.00	20.0	ug/L	1.00	1					
Iron		19300	30.0	100	ug/L	1.00	1					
Lead	J	11.0	3.30	20.0	ug/L	1.00	1					
Magnesium		6610	110	300	ug/L	1.00	1					
Manganese		489	2.00	10.0	ug/L	1.00	1					
Nickel		10.0	1.50	5.00	ug/L	1.00	1					
Potassium		5120	50.0	250	ug/L	1.00	1					
Selenium	J	9.71	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		25800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		6.07	1.00	5.00	ug/L	1.00	1					
Zinc		270	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.82	9.40	ug/L	0.000940	1	BM1	03/18/26	1359	2962635	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,5-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4,6-Trichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dichlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dimethylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2,4-Dinitrophenol	U	ND	4.70	18.8	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2,6-Dinitrotoluene	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Chloronaphthalene	U	ND	0.385	0.940	ug/L	0.000940	1					
2-Chlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
2-Methylnaphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
2-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
3,3'-Dichlorobenzidine	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Bromophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloro-3-methylphenol	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Chloroaniline	U	ND	3.10	9.40	ug/L	0.000940	1					
4-Chlorophenylphenylether	U	ND	2.82	9.40	ug/L	0.000940	1					
4-Nitrophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Acenaphthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acenaphthylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Acetophenone	U	ND	2.82	9.40	ug/L	0.000940	1					
Anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Atrazine	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzaldehyde	U	ND	2.82	9.40	ug/L	0.000940	1					
Benzo(a)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(a)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(b)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(ghi)perylene	U	ND	0.282	0.940	ug/L	0.000940	1					
Benzo(k)fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Butylbenzylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Carbazole	U	ND	0.282	0.940	ug/L	0.000940	1					
Chrysene	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-butylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Di-n-octylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzo(a,h)anthracene	U	ND	0.282	0.940	ug/L	0.000940	1					
Dibenzofuran	U	ND	2.82	9.40	ug/L	0.000940	1					
Diethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Dimethylphthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
Diphenylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Fluoranthene	U	ND	0.282	0.940	ug/L	0.000940	1					
Fluorene	U	ND	0.282	0.940	ug/L	0.000940	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorobutadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachlorocyclopentadiene	U	ND	2.82	9.40	ug/L	0.000940	1					
Hexachloroethane	U	ND	2.82	9.40	ug/L	0.000940	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Isophorone	U	ND	3.29	9.40	ug/L	0.000940	1					
N-Nitrosodipropylamine	U	ND	2.82	9.40	ug/L	0.000940	1					
Naphthalene	U	ND	0.282	0.940	ug/L	0.000940	1					
Nitrobenzene	U	ND	2.82	9.40	ug/L	0.000940	1					
Pentachlorophenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Phenanthrene	U	ND	0.282	0.940	ug/L	0.000940	1					
Phenol	U	ND	2.82	9.40	ug/L	0.000940	1					
Pyrene	U	ND	0.282	0.940	ug/L	0.000940	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethoxy)methane	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Chloroethyl) ether	U	ND	2.82	9.40	ug/L	0.000940	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.282	0.940	ug/L	0.000940	1					
m,p-Cresols	U	ND	3.48	9.40	ug/L	0.000940	1					
m-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Cresol	U	ND	2.82	9.40	ug/L	0.000940	1					
o-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
p-Nitroaniline	U	ND	2.82	9.40	ug/L	0.000940	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	1024	2967250	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	J	0.530	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform		3.11	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		1.77	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene		1.13	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-04 Project: RVDE00226C
Sample ID: 768213002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride		2.15	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene		20.9	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/18/26	0626	2962628
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	21.6 ug/L	47.0	46	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	22.0 ug/L	47.0	47	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	16.2 ug/L	47.0	34	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	54.3 ug/L	94.0	58	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	14.7 ug/L	94.0	16	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	21.4 ug/L	94.0	23	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	47.8 ug/L	50.0	96	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.0 ug/L	50.0	86	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	46.5 ug/L	50.0	93	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-04	Project:	RVDE00226C
Sample ID:	768213002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	768213003	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	12-MAR-26 11:40		
Receive Date:	12-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0780	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1411	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/19/26	1857	2961123	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		24.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		24400	50.0	200	ug/L	1.00	1					
Chromium	U	ND	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		290	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		5980	110	300	ug/L	1.00	1					
Manganese		74.3	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4960	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		25700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc		47.9	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	768213003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03
Sample ID: 768213004
Matrix: Surface Water
Collect Date: 12-MAR-26 13:10
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0870	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1412	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		804	68.0	200	ug/L	1.00	1	EM2	03/19/26	1905	2961123	2
Antimony	J	5.96	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		21.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		20000	50.0	200	ug/L	1.00	1					
Chromium	J	2.64	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		1320	30.0	100	ug/L	1.00	1					
Lead	J	4.98	3.30	20.0	ug/L	1.00	1					
Magnesium		38800	110	300	ug/L	1.00	1					
Manganese		84.4	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		13800	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		293000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.34	1.00	5.00	ug/L	1.00	1					
Zinc	J	13.8	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.83	9.42	ug/L	0.000942	1	BM1	03/18/26	1421	2962635	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,5-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,6-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dimethylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dinitrophenol	U	ND	4.71	18.8	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,6-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Chloronaphthalene	U	ND	0.386	0.942	ug/L	0.000942	1					
2-Chlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methylnaphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
2-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
3,3'-Dichlorobenzidine	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Bromophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloro-3-methylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloroaniline	U	ND	3.11	9.42	ug/L	0.000942	1					
4-Chlorophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Acenaphthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acenaphthylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acetophenone	U	ND	2.83	9.42	ug/L	0.000942	1					
Anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Atrazine	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzaldehyde	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzo(a)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(a)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(b)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(ghi)perylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(k)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Butylbenzylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Carbazole	U	ND	0.283	0.942	ug/L	0.000942	1					
Chrysene	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-butylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-octylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzo(a,h)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzofuran	U	ND	2.83	9.42	ug/L	0.000942	1					
Diethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dimethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Diphenylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Fluorene	U	ND	0.283	0.942	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorobutadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorocyclopentadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachloroethane	U	ND	2.83	9.42	ug/L	0.000942	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Isophorone	U	ND	3.30	9.42	ug/L	0.000942	1					
N-Nitrosodipropylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Naphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
Nitrobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Pentachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Phenanthrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Phenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethoxy)methane	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethyl) ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
m,p-Cresols	U	ND	3.48	9.42	ug/L	0.000942	1					
m-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Cresol	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
p-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	1049	2967250	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-03 Project: RVDE00226C
Sample ID: 768213004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/18/26	0626	2962628
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	28.3 ug/L	47.1	60	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.3 ug/L	47.1	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	13.6 ug/L	47.1	29	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	64.6 ug/L	94.2	69	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.4 ug/L	94.2	20	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	26.0 ug/L	94.2	28	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.3 ug/L	50.0	97	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	43.3 ug/L	50.0	87	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.5 ug/L	50.0	95	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-03	Project:	RVDE00226C
Sample ID:	768213004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-03 Field Filtered	Project:	RVDE00226C
Sample ID:	768213005	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	12-MAR-26 13:10		
Receive Date:	12-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0820	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1414	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/19/26	1907	2961123	2
Antimony	J	5.50	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		19.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		20500	50.0	200	ug/L	1.00	1					
Chromium	J	1.36	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		109	30.0	100	ug/L	1.00	1					
Lead	J	4.78	3.30	20.0	ug/L	1.00	1					
Magnesium		40100	110	300	ug/L	1.00	1					
Manganese		65.9	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		14400	50.0	250	ug/L	1.00	1					
Selenium	J	11.1	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		305000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.04	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.40	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-03 Field Filtered	Project:	RVDE00226C
Sample ID:	768213005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02
Sample ID: 768213006
Matrix: Surface Water
Collect Date: 12-MAR-26 13:40
Receive Date: 12-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0880	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1416	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1060	68.0	200	ug/L	1.00	1	EM2	03/19/26	1910	2961123	2
Antimony	J	11.2	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		22.4	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		22900	50.0	200	ug/L	1.00	1					
Chromium	J	3.76	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		1770	30.0	100	ug/L	1.00	1					
Lead	J	9.14	3.30	20.0	ug/L	1.00	1					
Magnesium		40600	110	300	ug/L	1.00	1					
Manganese		121	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		14400	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		305000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.28	1.00	5.00	ug/L	1.00	1					
Zinc		57.2	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.57	ug/L	0.000957	1	BM1	03/18/26	1443	2962635	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dimethylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dinitrophenol	U	ND	4.79	19.1	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,6-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Chloronaphthalene	U	ND	0.393	0.957	ug/L	0.000957	1					
2-Chlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methylnaphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
2-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Bromophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloroaniline	U	ND	3.16	9.57	ug/L	0.000957	1					
4-Chlorophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Acenaphthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acenaphthylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acetophenone	U	ND	2.87	9.57	ug/L	0.000957	1					
Anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Atrazine	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzaldehyde	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzo(a)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(a)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(b)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(ghi)perylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(k)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Butylbenzylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Carbazole	U	ND	0.287	0.957	ug/L	0.000957	1					
Chrysene	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-butylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-octylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzofuran	U	ND	2.87	9.57	ug/L	0.000957	1					
Diethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dimethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Diphenylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Fluorene	U	ND	0.287	0.957	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorobutadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachloroethane	U	ND	2.87	9.57	ug/L	0.000957	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Isophorone	U	ND	3.35	9.57	ug/L	0.000957	1					
N-Nitrosodipropylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Naphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
Nitrobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Pentachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Phenanthrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Phenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
m,p-Cresols	U	ND	3.54	9.57	ug/L	0.000957	1					
m-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Cresol	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
p-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JEB	03/26/26	1115	2967250	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	U	ND	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-02 Project: RVDE00226C
Sample ID: 768213006 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	03/18/26	0626	2962628
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	30.5 ug/L	47.9	64	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.5 ug/L	47.9	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.1 ug/L	47.9	23	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	52.3 ug/L	95.7	55	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	19.0 ug/L	95.7	20	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	24.3 ug/L	95.7	25	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	48.8 ug/L	50.0	98	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	42.9 ug/L	50.0	86	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	47.2 ug/L	50.0	94	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-02	Project:	RVDE00226C
Sample ID:	768213006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	768213007	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	12-MAR-26 13:40		
Receive Date:	12-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	J	0.0820	0.0670	0.200	ug/L	1.00	1	PB1	03/16/26	1417	2961233	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	03/19/26	1912	2961123	2
Antimony	J	5.97	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		18.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		21900	50.0	200	ug/L	1.00	1					
Chromium	J	1.10	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		102	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		39300	110	300	ug/L	1.00	1					
Manganese		75.5	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		13900	50.0	250	ug/L	1.00	1					
Selenium	J	6.31	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		297000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.18	1.00	5.00	ug/L	1.00	1					
Zinc	J	13.3	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/12/26	1746	2960871	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	03/13/26	0910	2961228
SW846 3005A	SW846 3005A for 6010D	ES3	03/13/26	0800	2961122

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	768213007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02
Sample ID: 768213008
Matrix: Soil
Collect Date: 12-MAR-26 14:20
Receive Date: 12-MAR-26
Collector: Client
Moisture: 40.8%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury		103	12.5	37.2	ug/kg	110	1	PB1	03/16/26	1112	2961183	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		2850000	203000	598000	ug/kg	88.5	20	EM2	03/19/26	1327	2961125	2
Antimony	U	ND	9860	59800	ug/kg	88.5	20					
Arsenic	U	ND	14900	89600	ug/kg	88.5	20					
Barium		22800	2990	14900	ug/kg	88.5	20					
Beryllium	U	ND	2990	14900	ug/kg	88.5	20					
Cadmium	U	ND	2990	14900	ug/kg	88.5	20					
Calcium		2460000	239000	747000	ug/kg	88.5	20					
Chromium		294000	4480	29900	ug/kg	88.5	20					
Cobalt		26300	4480	14900	ug/kg	88.5	20					
Copper		845000	8960	59800	ug/kg	88.5	20					
Iron		523000000	239000	747000	ug/kg	88.5	20					
Lead	J	23600	9860	59800	ug/kg	88.5	20					
Magnesium		1740000	254000	896000	ug/kg	88.5	20					
Manganese		3170000	5980	29900	ug/kg	88.5	20					
Nickel		244000	4480	14900	ug/kg	88.5	20					
Potassium	J	332000	191000	747000	ug/kg	88.5	20					
Selenium	U	ND	14900	89600	ug/kg	88.5	20					
Silver	U	ND	2990	14900	ug/kg	88.5	20					
Sodium	U	ND	209000	747000	ug/kg	88.5	20					
Thallium	U	ND	14900	59800	ug/kg	88.5	20					
Vanadium		76900	2990	14900	ug/kg	88.5	20					
Zinc		500000	12000	59800	ug/kg	88.5	20					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	167	558	ug/kg	0.0330	1	BM1	03/20/26	1252	2964568	3
1,2,4,5-Tetrachlorobenzene	U	ND	167	558	ug/kg	0.0330	1					
2,3,4,6-Tetrachlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4,5-Trichlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4,6-Trichlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4-Dichlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2,4-Dimethylphenol	U	ND	167	558	ug/kg	0.0330	1					
2,4-Dinitrophenol	U	ND	167	1120	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	167	558	ug/kg	0.0330	1					
2,6-Dinitrotoluene	U	ND	167	558	ug/kg	0.0330	1					
2-Chloronaphthalene	U	ND	16.7	55.8	ug/kg	0.0330	1					
2-Chlorophenol	U	ND	167	558	ug/kg	0.0330	1					
2-Methyl-4,6-dinitrophenol	U	ND	167	558	ug/kg	0.0330	1					
2-Methylnaphthalene	U	ND	16.7	55.8	ug/kg	0.0330	1					
2-Nitrophenol	U	ND	167	558	ug/kg	0.0330	1					
3,3'-Dichlorobenzidine	U	ND	167	558	ug/kg	0.0330	1					
4-Bromophenylphenylether	U	ND	167	558	ug/kg	0.0330	1					
4-Chloro-3-methylphenol	U	ND	223	558	ug/kg	0.0330	1					
4-Chloroaniline	U	ND	167	558	ug/kg	0.0330	1					
4-Chlorophenylphenylether	U	ND	167	558	ug/kg	0.0330	1					
4-Nitrophenol	U	ND	167	558	ug/kg	0.0330	1					
Acenaphthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Acenaphthylene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Acetophenone	U	ND	167	558	ug/kg	0.0330	1					
Anthracene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Atrazine	U	ND	223	558	ug/kg	0.0330	1					
Benzaldehyde	U	ND	167	558	ug/kg	0.0330	1					
Benzo(a)anthracene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(a)pyrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(b)fluoranthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(ghi)perylene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Benzo(k)fluoranthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Butylbenzylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Carbazole	U	ND	16.7	55.8	ug/kg	0.0330	1					
Chrysene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Di-n-butylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Di-n-octylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Dibenzo(a,h)anthracene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Dibenzofuran	U	ND	167	558	ug/kg	0.0330	1					
Diethylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Dimethylphthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
Diphenylamine	U	ND	167	558	ug/kg	0.0330	1					
Fluoranthene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Fluorene	U	ND	16.7	55.8	ug/kg	0.0330	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	167	558	ug/kg	0.0330	1					
Hexachlorobutadiene	U	ND	167	558	ug/kg	0.0330	1					
Hexachlorocyclopentadiene	U	ND	167	558	ug/kg	0.0330	1					
Hexachloroethane	U	ND	167	558	ug/kg	0.0330	1					
Indeno(1,2,3-cd)pyrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Isophorone	U	ND	167	558	ug/kg	0.0330	1					
N-Nitrosodipropylamine	U	ND	167	558	ug/kg	0.0330	1					
Naphthalene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Nitrobenzene	U	ND	167	558	ug/kg	0.0330	1					
Pentachlorophenol	U	ND	167	558	ug/kg	0.0330	1					
Phenanthrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
Phenol	U	ND	167	558	ug/kg	0.0330	1					
Pyrene	U	ND	16.7	55.8	ug/kg	0.0330	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	167	558	ug/kg	0.0330	1					
bis(2-Chloroethoxy)methane	U	ND	167	558	ug/kg	0.0330	1					
bis(2-Chloroethyl) ether	U	ND	167	558	ug/kg	0.0330	1					
bis(2-Ethylhexyl)phthalate	U	ND	16.7	55.8	ug/kg	0.0330	1					
m,p-Cresols	U	ND	167	558	ug/kg	0.0330	1					
m-Nitroaniline	U	ND	167	558	ug/kg	0.0330	1					
o-Cresol	U	ND	167	558	ug/kg	0.0330	1					
o-Nitroaniline	U	ND	184	558	ug/kg	0.0330	1					
p-Nitroaniline	U	ND	167	558	ug/kg	0.0330	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	J	0.386	0.215	0.538	mg/kg	31.9	1	BR2	03/25/26	1242	2962940	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1	PXY1	03/25/26	1517	2967540	5
1,1,2,2-Tetrachloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,1,2-Trichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,1-Dichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,1-Dichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2,3-Trichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2,4-Trichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dibromo-3-chloropropane	U	ND	0.742	1.48	ug/kg	0.879	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dichloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,2-Dichloropropane	U	ND	0.494	1.48	ug/kg	0.879	1					
1,3-Dichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,4-Dichlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
1,4-Dioxane	U	ND	24.7	74.2	ug/kg	0.879	1					
2-Butanone		26.3	2.47	7.42	ug/kg	0.879	1					
2-Hexanone	U	ND	2.47	7.42	ug/kg	0.879	1					
4-Methyl-2-pentanone	U	ND	2.47	7.42	ug/kg	0.879	1					
Acetone		125	2.47	7.42	ug/kg	0.879	1					
Benzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromochloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromodichloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromoform	U	ND	0.494	1.48	ug/kg	0.879	1					
Bromomethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Carbon disulfide	U	ND	2.47	7.42	ug/kg	0.879	1					
Carbon tetrachloride	U	ND	0.494	1.48	ug/kg	0.879	1					
Chlorobenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Chloroethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Chloroform	U	ND	0.494	1.48	ug/kg	0.879	1					
Chloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Cyclohexane	U	ND	0.494	1.48	ug/kg	0.879	1					
Dibromochloromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Dichlorodifluoromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Ethylbenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Isopropylbenzene	U	ND	0.494	1.48	ug/kg	0.879	1					
Methyl acetate	U	ND	2.47	7.42	ug/kg	0.879	1					
Methylcyclohexane	U	ND	0.494	1.48	ug/kg	0.879	1					
Methylene chloride	U	ND	2.47	7.42	ug/kg	0.879	1					
Styrene	U	ND	0.494	1.48	ug/kg	0.879	1					
Tetrachloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
Toluene	U	ND	0.494	1.48	ug/kg	0.879	1					
Trichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
Trichlorofluoromethane	U	ND	0.494	1.48	ug/kg	0.879	1					
Trichlorotrifluoroethane	U	ND	2.47	7.42	ug/kg	0.879	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-02 Project: RVDE00226C
Sample ID: 768213008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	0.494	1.48	ug/kg	0.879	1					
cis-1,2-Dichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
cis-1,3-Dichloropropylene	U	ND	0.494	1.48	ug/kg	0.879	1					
m,p-Xylenes	U	ND	0.990	2.97	ug/kg	0.879	1					
o-Xylene	U	ND	0.494	1.48	ug/kg	0.879	1					
tert-Butyl methyl ether	U	ND	0.494	1.48	ug/kg	0.879	1					
trans-1,2-Dichloroethylene	U	ND	0.494	1.48	ug/kg	0.879	1					
trans-1,3-Dichloropropylene	U	ND	0.494	1.48	ug/kg	0.879	1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3050B	SW846 3050B Prep	ES3	03/13/26	0820	2961124
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/20/26	0612	2964565
SW846 5035	5035 Prep	PXY1	03/12/26	1420	2967539
SW846 3541	Prep Method 3541 8270E BNA for Soil	CB1	03/16/26	0713	2961185
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	03/24/26	1226	2962939
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	JM13	03/13/26	1125	2961182

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	1150 ug/kg	2790	41	(20%-93%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	1050 ug/kg	2790	38	(19%-90%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	1530 ug/kg	2790	55	(24%-107%)
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	2700 ug/kg	5580	48	(20%-104%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	2260 ug/kg	5580	40	(19%-94%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	2380 ug/kg	5580	43	(20%-99%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	83.8 ug/kg	50.0	113	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	77.9 ug/kg	50.0	105	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: July 2, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-02	Project:	RVDE00226C
Sample ID:	768213008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		74.8	ug/kg	50.0		101		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: July 2, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2961123											
QC1206406706 LCS											
Aluminum	5000			4950	ug/L		98.9	(80%-120%)	EM2	03/19/26	18:42
Antimony	500			503	ug/L		101	(80%-120%)			
Arsenic	500			511	ug/L		102	(80%-120%)			
Barium	500			500	ug/L		100	(80%-120%)			
Beryllium	500			500	ug/L		100	(80%-120%)			
Cadmium	500			498	ug/L		99.6	(80%-120%)			
Calcium	5000			5070	ug/L		101	(80%-120%)			
Chromium	500			507	ug/L		101	(80%-120%)			
Cobalt	500			505	ug/L		101	(80%-120%)			
Copper	500			498	ug/L		99.5	(80%-120%)			
Iron	5000			5040	ug/L		101	(80%-120%)			
Lead	500			494	ug/L		98.9	(80%-120%)			

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Magnesium	5000			5140	ug/L		103	(80%-120%)	EM2	03/19/26 18:42
Manganese	500			500	ug/L		100	(80%-120%)		
Nickel	500			503	ug/L		101	(80%-120%)		
Potassium	5000			4700	ug/L		93.9	(80%-120%)		
Selenium	500			489	ug/L		97.8	(80%-120%)		
Silver	100			99.3	ug/L		99.3	(80%-120%)		
Sodium	5000			4750	ug/L		95	(80%-120%)		
Thallium	500			511	ug/L		102	(80%-120%)		
Vanadium	500			507	ug/L		101	(80%-120%)		
Zinc	500			489	ug/L		97.7	(80%-120%)		
QC1206406705 MB										
Aluminum			U	ND	ug/L					03/19/26 18:38
Antimony			J	8.33	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Beryllium			U	ND	ug/L				EM2	03/19/26 18:38
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					
Magnesium			U	ND	ug/L					
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961123											
Sodium				J	115	ug/L				EM2	03/19/26 18:38
Thallium				U	ND	ug/L					
Vanadium				U	ND	ug/L					
Zinc				U	ND	ug/L					
QC1206406707 768213002 MS											
Aluminum	5000		1060		6520	ug/L		109	(75%-125%)		03/19/26 18:47
Antimony	500	J	6.28		498	ug/L		98.3	(75%-125%)		
Arsenic	500	U	ND		515	ug/L		103	(75%-125%)		
Barium	500		51.0		536	ug/L		97	(75%-125%)		
Beryllium	500	U	ND		494	ug/L		98.7	(75%-125%)		
Cadmium	500	U	ND		485	ug/L		97	(75%-125%)		
Calcium	5000		26000		31400	ug/L		N/A	(75%-125%)		
Chromium	500		27.6		514	ug/L		97.3	(75%-125%)		
Cobalt	500	J	1.56		490	ug/L		97.7	(75%-125%)		
Copper	500		25.0		505	ug/L		96.1	(75%-125%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961123											
Iron	5000		19300		20400	ug/L		21.8*	(75%-125%)	EM2	03/19/26 18:47
Lead	500	J	11.0		487	ug/L		95.2	(75%-125%)		
Magnesium	5000		6610		11600	ug/L		101	(75%-125%)		
Manganese	500		489		924	ug/L		86.9	(75%-125%)		
Nickel	500		10.0		490	ug/L		96	(75%-125%)		
Potassium	5000		5120		9880	ug/L		95.3	(75%-125%)		
Selenium	500	J	9.71		488	ug/L		95.7	(75%-125%)		
Silver	100	U	ND		96.4	ug/L		96.4	(75%-125%)		
Sodium	5000		25800		30500	ug/L		N/A	(75%-125%)		
Thallium	500	U	ND		484	ug/L		96.9	(75%-125%)		
Vanadium	500		6.07		505	ug/L		99.8	(75%-125%)		
Zinc	500		270		734	ug/L		92.8	(75%-125%)		
QC1206406708 768213002 MSD											
Aluminum	5000		1060		6520	ug/L	0.103	109	(0%-20%)		03/19/26 18:49
Antimony	500	J	6.28		496	ug/L	0.35	97.9	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2961123												
Arsenic	500	U	ND		520	ug/L	0.952	104	(0%-20%)	EM2	03/19/26	18:49
Barium	500		51.0		549	ug/L	2.38	99.5	(0%-20%)			
Beryllium	500	U	ND		507	ug/L	2.58	101	(0%-20%)			
Cadmium	500	U	ND		498	ug/L	2.6	99.5	(0%-20%)			
Calcium	5000		26000		31700	ug/L	1.07	N/A	(0%-20%)			
Chromium	500		27.6		512	ug/L	0.41	96.8	(0%-20%)			
Cobalt	500	J	1.56		496	ug/L	1.19	98.9	(0%-20%)			
Copper	500		25.0		513	ug/L	1.42	97.5	(0%-20%)			
Iron	5000		19300		18100	ug/L	12	0 *	(0%-20%)			
Lead	500	J	11.0		492	ug/L	1.04	96.2	(0%-20%)			
Magnesium	5000		6610		11700	ug/L	0.475	102	(0%-20%)			
Manganese	500		489		908	ug/L	1.72	83.8	(0%-20%)			
Nickel	500		10.0		491	ug/L	0.208	96.2	(0%-20%)			
Potassium	5000		5120		9970	ug/L	0.907	97.2	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961123											
Selenium	500	J	9.71		489	ug/L	0.104	95.8	(0%-20%)	EM2	03/19/26 18:49
Silver	100	U	ND		97.4	ug/L	1.01	97.4	(0%-20%)		
Sodium	5000		25800		30800	ug/L	0.915	N/A	(0%-20%)		
Thallium	500	U	ND		480	ug/L	1	95.9	(0%-20%)		
Vanadium	500		6.07		507	ug/L	0.328	100	(0%-20%)		
Zinc	500		270		746	ug/L	1.61	95.2	(0%-20%)		
QC1206406709 768213002 PS											
Iron	5000		19300		23100	ug/L		75.8	(75%-125%)		03/19/26 18:51
QC1206406710 768213002 SDILT											
Aluminum			1060		225	ug/L	6.37		(0%-20%)		03/19/26 18:54
Antimony		J	6.28	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium			51.0		10.3	ug/L	1.02		(0%-20%)		
Beryllium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium			26000		5470	ug/L	5.18		(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Chromium		27.6	J	5.81	ug/L	5.29		(0%-20%)	EM2	03/19/26 18:54
Cobalt	J	1.56	U	ND	ug/L	N/A		(0%-20%)		
Copper		25.0	J	4.64	ug/L	7.16		(0%-20%)		
Iron		19300		4030	ug/L	4.56		(0%-20%)		
Lead	J	11.0	U	ND	ug/L	N/A		(0%-20%)		
Magnesium		6610		1400	ug/L	6.12		(0%-20%)		
Manganese		489		101	ug/L	2.93		(0%-20%)		
Nickel		10.0	J	2.31	ug/L	15		(0%-20%)		
Potassium		5120		1040	ug/L	1.72		(0%-20%)		
Selenium	J	9.71	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		25800		5550	ug/L	7.54		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		6.07	J	1.30	ug/L	7.08		(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961123										
Zinc		270		56.3	ug/L	4.18		(0%-20%)	EM2	03/19/26 18:54
Batch 2961125										
QC1206406712 LCS										
Aluminum	441000			441000	ug/kg		99.9	(80%-120%)	EM2	03/19/26 13:25
Antimony	44100			44300	ug/kg		101	(80%-120%)		
Arsenic	44100			45500	ug/kg		103	(80%-120%)		
Barium	44100			44900	ug/kg		102	(80%-120%)		
Beryllium	44100			46000	ug/kg		104	(80%-120%)		
Cadmium	44100			45200	ug/kg		103	(80%-120%)		
Calcium	441000			459000	ug/kg		104	(80%-120%)		
Chromium	44100			45000	ug/kg		102	(80%-120%)		
Cobalt	44100			44700	ug/kg		101	(80%-120%)		
Copper	44100			45000	ug/kg		102	(80%-120%)		
Iron	441000			457000	ug/kg		104	(80%-120%)		
Lead	44100			45900	ug/kg		104	(80%-120%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961125										
Magnesium	441000			469000	ug/kg		106	(80%-120%)	EM2	03/19/26 13:25
Manganese	44100			44600	ug/kg		101	(80%-120%)		
Nickel	44100			44600	ug/kg		101	(80%-120%)		
Potassium	441000			426000	ug/kg		96.5	(80%-120%)		
Selenium	44100			45300	ug/kg		103	(80%-120%)		
Silver	8820			9030	ug/kg		102	(80%-120%)		
Sodium	441000			427000	ug/kg		96.9	(80%-120%)		
Thallium	44100			45200	ug/kg		102	(80%-120%)		
Vanadium	44100			44100	ug/kg		100	(80%-120%)		
Zinc	44100			44800	ug/kg		102	(80%-120%)		
QC1206406711 MB										
Aluminum			U	ND	ug/kg					03/19/26 13:21
Antimony			U	ND	ug/kg					
Arsenic			U	ND	ug/kg					
Barium			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961125										
Beryllium			U	ND	ug/kg				EM2	03/19/26 13:21
Cadmium			U	ND	ug/kg					
Calcium			U	ND	ug/kg					
Chromium			U	ND	ug/kg					
Cobalt			U	ND	ug/kg					
Copper			U	ND	ug/kg					
Iron			U	ND	ug/kg					
Lead			U	ND	ug/kg					
Magnesium			U	ND	ug/kg					
Manganese			U	ND	ug/kg					
Nickel			U	ND	ug/kg					
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961125											
Sodium				U	ND	ug/kg				EM2	03/19/26 13:21
Thallium				U	ND	ug/kg					
Vanadium				U	ND	ug/kg					
Zinc				J	420	ug/kg					
QC1206406713 768213008 MS											
Aluminum	776000		2850000		4550000	ug/kg		219*	(75%-125%)		03/19/26 13:30
Antimony	77600	U	ND		76500	ug/kg		98.6	(75%-125%)		
Arsenic	77600	U	ND		97200	ug/kg		108	(75%-125%)		
Barium	77600		22800		101000	ug/kg		100	(75%-125%)		
Beryllium	77600	U	ND		73900	ug/kg		95.1	(75%-125%)		
Cadmium	77600	U	ND		75900	ug/kg		97.8	(75%-125%)		
Calcium	776000		2460000		3340000	ug/kg		113	(75%-125%)		
Chromium	77600		294000		385000	ug/kg		117	(75%-125%)		
Cobalt	77600		26300		103000	ug/kg		98.6	(75%-125%)		
Copper	77600		845000		925000	ug/kg		N/A	(75%-125%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2961125												
Iron	776000		523000000		522000000	ug/kg		N/A	(75%-125%)	EM2	03/19/26	13:30
Lead	77600	J	23600		111000	ug/kg		112	(75%-125%)			
Magnesium	776000		1740000		2650000	ug/kg		118	(75%-125%)			
Manganese	77600		3170000		3310000	ug/kg		N/A	(75%-125%)			
Nickel	77600		244000		334000	ug/kg		116	(75%-125%)			
Potassium	776000	J	332000		857000	ug/kg		67.7*	(75%-125%)			
Selenium	77600	U	ND		85700	ug/kg		93.8	(75%-125%)			
Silver	15500	U	ND		18100	ug/kg		98.7	(75%-125%)			
Sodium	776000	U	ND		752000	ug/kg		90.7	(75%-125%)			
Thallium	77600	U	ND		71200	ug/kg		91.7	(75%-125%)			
Vanadium	77600		76900		184000	ug/kg		138*	(75%-125%)			
Zinc	77600		500000		586000	ug/kg		N/A	(75%-125%)			
QC1206406714 768213008 MSD												
Aluminum	759000		2850000		4550000	ug/kg	0.0114	223*	(0%-20%)		03/19/26	13:33
Antimony	75900	U	ND		73500	ug/kg	4.02	96.8	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2961125												
Arsenic	75900	U	ND		94200	ug/kg	3.14	106	(0%-20%)	EM2	03/19/26	13:33
Barium	75900		22800		99800	ug/kg	0.896	101	(0%-20%)			
Beryllium	75900	U	ND		73600	ug/kg	0.309	96.9	(0%-20%)			
Cadmium	75900	U	ND		74300	ug/kg	2.18	97.8	(0%-20%)			
Calcium	759000		2460000		3110000	ug/kg	7.06	85.8	(0%-20%)			
Chromium	75900		294000		385000	ug/kg	0.0184	120	(0%-20%)			
Cobalt	75900		26300		103000	ug/kg	0.149	101	(0%-20%)			
Copper	75900		845000		907000	ug/kg	1.92	N/A	(0%-20%)			
Iron	759000		523000000		527000000	ug/kg	1.09	N/A	(0%-20%)			
Lead	75900	J	23600		104000	ug/kg	6.25	106	(0%-20%)			
Magnesium	759000		1740000		2600000	ug/kg	1.81	114	(0%-20%)			
Manganese	75900		3170000		3320000	ug/kg	0.462	N/A	(0%-20%)			
Nickel	75900		244000		327000	ug/kg	1.91	110	(0%-20%)			
Potassium	759000	J	332000		1010000	ug/kg	16.7	89.8	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date	Time
Metals Analysis-ICP														
Batch 2961125														
Selenium	75900	U	ND		113000	ug/kg	27.4	*	132	*	(0%-20%)	EM2	03/19/26	13:33
Silver	15200	U	ND		18400	ug/kg	1.35		102		(0%-20%)			
Sodium	759000	U	ND		716000	ug/kg	4.8		88		(0%-20%)			
Thallium	75900	U	ND		73600	ug/kg	3.41		97		(0%-20%)			
Vanadium	75900		76900		154000	ug/kg	18.1		101		(0%-20%)			
Zinc	75900		500000		639000	ug/kg	8.74		N/A		(0%-20%)			
QC1206406715 768213008 PS														
Aluminum	5000		954		5910	ug/L			99.2		(75%-125%)		03/19/26	13:36
Potassium	5000	J	111		4940	ug/L			96.5		(75%-125%)			
Selenium	500	U	ND		532	ug/L			106		(75%-125%)			
Vanadium	500		25.7		546	ug/L			104		(75%-125%)			
QC1206406716 768213008 SDILT														
Aluminum			954	J	184	ug/L	3.84				(0%-20%)		03/19/26	13:38
Antimony		U	ND	U	ND	ug/L	N/A				(0%-20%)			
Arsenic		U	ND	U	ND	ug/L	N/A				(0%-20%)			
Barium			7.63	J	1.66	ug/L	8.78				(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2961125										
Beryllium	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	03/19/26 13:38
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		823	J	166	ug/L	.705		(0%-20%)		
Chromium		98.5		19.5	ug/L	1.03		(0%-20%)		
Cobalt		8.79	J	1.89	ug/L	7.51		(0%-20%)		
Copper		283		56.2	ug/L	.704		(0%-20%)		
Iron		175000		35500	ug/L	1.35		(0%-20%)		
Lead	J	7.91	U	ND	ug/L	N/A		(0%-20%)		
Magnesium		581	J	121	ug/L	4.24		(0%-20%)		
Manganese		1060		215	ug/L	1.04		(0%-20%)		
Nickel		81.6		16.4	ug/L	.307		(0%-20%)		
Potassium	J	111	U	ND	ug/L	N/A		(0%-20%)		
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2961125											
Sodium	U	ND	U	ND	ug/L	N/A			(0%-20%)	EM2	03/19/26 13:38
Thallium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Vanadium		25.7	J	4.98	ug/L	3.23			(0%-20%)		
Zinc		167		34.5	ug/L	3.1			(0%-20%)		
Metals Analysis-Mercury											
Batch 2961183											
QC1206406815 768148001 DUP											
Mercury		22.6	J	19.4	ug/kg	15.4	^		(+/-22.8)	PB1	03/16/26 10:48
QC1206406814 LCS											
Mercury	215			223	ug/kg			104	(80%-120%)		03/16/26 10:36
QC1206406813 MB											
Mercury			U	ND	ug/kg						03/16/26 10:34
QC1206406816 768148001 MS											
Mercury	240	22.6		265	ug/kg			101	(80%-120%)		03/16/26 10:50
Batch 2961233											
QC1206406973 766701001 DUP											
Mercury	J	0.0770	J	0.0700	ug/L	9.52	^		(+/-0.200)	PB1	03/16/26 13:41
QC1206406972 LCS											
Mercury	2.00			2.03	ug/L			101	(80%-120%)		03/16/26 13:38
QC1206406971 MB											
Mercury			J	0.0690	ug/L						03/16/26 13:36

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury										
Batch 2961233										
QC1206406974 766701001 MS										
Mercury	2.00	J	0.0770	1.98	ug/L		95.2	(75%-125%)	PB1	03/16/26 13:46
Semi-Volatile-GC/MS										
Batch 2962635										
QC1206409549 LCS										
1,1'-Biphenyl	50.0			41.5	ug/L		83	(45%-114%)	BM1	03/18/26 11:04
1,2,4,5-Tetrachlorobenzene	50.0			39.8	ug/L		80	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			43.0	ug/L		86	(41%-119%)		
2,4,5-Trichlorophenol	50.0			43.7	ug/L		87	(42%-122%)		
2,4,6-Trichlorophenol	50.0			42.4	ug/L		85	(40%-119%)		
2,4-Dichlorophenol	50.0			39.9	ug/L		80	(36%-111%)		
2,4-Dimethylphenol	50.0			25.8	ug/L		52	(31%-68%)		
2,4-Dinitrophenol	50.0			39.3	ug/L		79	(30%-120%)		
2,4-Dinitrotoluene	50.0			51.8	ug/L		104	(48%-128%)		
2,6-Dinitrotoluene	50.0			48.6	ug/L		97	(47%-124%)		
2-Chloronaphthalene	50.0			41.8	ug/L		84	(41%-113%)		
2-Chlorophenol	50.0			32.8	ug/L		66	(30%-95%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
2-Methyl-4,6-dinitrophenol	50.0			43.5	ug/L		87	(32%-131%)	BM1	03/18/26 11:04
2-Methylnaphthalene	50.0			47.0	ug/L		94	(42%-116%)		
2-Nitrophenol	50.0			40.4	ug/L		81	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			44.2	ug/L		88	(43%-116%)		
4-Bromophenylphenylether	50.0			46.6	ug/L		93	(49%-125%)		
4-Chloro-3-methylphenol	50.0			40.7	ug/L		81	(35%-113%)		
4-Chloroaniline	50.0			42.0	ug/L		84	(39%-112%)		
4-Chlorophenylphenylether	50.0			47.5	ug/L		95	(48%-124%)		
4-Nitrophenol	50.0			20.4	ug/L		41	(25%-69%)		
Acenaphthene	50.0			44.5	ug/L		89	(44%-118%)		
Acenaphthylene	50.0			40.7	ug/L		81	(42%-110%)		
Acetophenone	50.0			42.9	ug/L		86	(44%-114%)		
Anthracene	50.0			46.7	ug/L		93	(49%-121%)		
Atrazine	50.0			51.2	ug/L		102	(49%-147%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Benzaldehyde	50.0			37.0	ug/L		74	(27%-111%)	BM1	03/18/26 11:04
Benzo(a)anthracene	50.0			44.0	ug/L		88	(46%-121%)		
Benzo(a)pyrene	50.0			42.5	ug/L		85	(41%-120%)		
Benzo(b)fluoranthene	50.0			44.7	ug/L		89	(45%-126%)		
Benzo(ghi)perylene	50.0			49.6	ug/L		99	(44%-129%)		
Benzo(k)fluoranthene	50.0			43.8	ug/L		88	(44%-126%)		
Butylbenzylphthalate	50.0			47.2	ug/L		94	(47%-135%)		
Carbazole	50.0			49.9	ug/L		100	(52%-127%)		
Chrysene	50.0			43.2	ug/L		86	(46%-121%)		
Di-n-butylphthalate	50.0		B	50.3	ug/L		101	(51%-132%)		
Di-n-octylphthalate	50.0			47.1	ug/L		94	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			47.8	ug/L		96	(42%-123%)		
Dibenzofuran	50.0			45.3	ug/L		91	(48%-118%)		
Diethylphthalate	50.0			48.9	ug/L		98	(51%-131%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Dimethylphthalate	50.0			46.8	ug/L		94	(48%-129%)	BM1	03/18/26 11:04
Diphenylamine	50.0			45.5	ug/L		91	(49%-122%)		
Fluoranthene	50.0			50.7	ug/L		101	(50%-126%)		
Fluorene	50.0			46.2	ug/L		92	(48%-122%)		
Hexachlorobenzene	50.0			45.8	ug/L		92	(46%-122%)		
Hexachlorobutadiene	50.0			36.5	ug/L		73	(32%-94%)		
Hexachlorocyclopentadiene	50.0			19.2	ug/L		38	(31%-64%)		
Hexachloroethane	50.0			35.3	ug/L		71	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			49.3	ug/L		99	(40%-125%)		
Isophorone	50.0			45.0	ug/L		90	(39%-126%)		
N-Nitrosodipropylamine	50.0			45.2	ug/L		90	(44%-122%)		
Naphthalene	50.0			40.4	ug/L		81	(41%-107%)		
Nitrobenzene	50.0			42.7	ug/L		85	(42%-112%)		
Pentachlorophenol	50.0			44.7	ug/L		89	(36%-124%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Phenanthrene	50.0			44.9	ug/L		90	(48%-120%)	BM1	03/18/26 11:04
Phenol	50.0			14.7	ug/L		29	(12%-90%)		
Pyrene	50.0			51.1	ug/L		102	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			40.0	ug/L		80	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			43.9	ug/L		88	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			39.5	ug/L		79	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			44.3	ug/L		89	(42%-132%)		
m,p-Cresols	50.0			28.8	ug/L		58	(29%-82%)		
m-Nitroaniline	50.0			48.3	ug/L		97	(44%-119%)		
o-Cresol	50.0			29.7	ug/L		59	(29%-86%)		
o-Nitroaniline	50.0			48.3	ug/L		97	(45%-128%)		
p-Nitroaniline	50.0			55.8	ug/L		112	(46%-130%)		
**2,4,6-Tribromophenol	100			92.7	ug/L		93	(28%-113%)		
**2-Fluorobiphenyl	50.0			38.5	ug/L		77	(32%-102%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
**2-Fluorophenol	100			36.1	ug/L		36	(15%-72%)	BM1	03/18/26 11:04
**Nitrobenzene-d5	50.0			39.0	ug/L		78	(31%-100%)		
**Phenol-d5	100			26.5	ug/L		27	(15%-85%)		
**p-Terphenyl-d14	50.0			36.7	ug/L		73	(20%-118%)		
QC1206409548 MB										
1,1'-Biphenyl			U	ND	ug/L					03/18/26 10:42
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
2-Chloronaphthalene			U	ND	ug/L				BM1	03/18/26 10:42
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Anthracene			U	ND	ug/L				BM1	03/18/26 10:42
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			J	0.400	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Dibenzofuran			U	ND	ug/L				BM1	03/18/26 10:42
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2962635										
Nitrobenzene			U	ND	ug/L				BM1	03/18/26 10:42
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
**2,4,6-Tribromophenol	100				76.0	ug/L		76	(28%-113%)	BM1	03/18/26 10:42
**2-Fluorobiphenyl	50.0				29.5	ug/L		59	(32%-102%)		
**2-Fluorophenol	100				27.1	ug/L		27	(15%-72%)		
**Nitrobenzene-d5	50.0				28.1	ug/L		56	(31%-100%)		
**Phenol-d5	100				19.3	ug/L		19	(15%-85%)		
**p-Terphenyl-d14	50.0				35.6	ug/L		71	(20%-118%)		
QC1206409550 768399001 MS											
1,1'-Biphenyl	100	U	ND		69.4	ug/L		69	(30%-119%)		03/18/26 15:27
1,2,4,5-Tetrachlorobenzene	100	U	ND		67.2	ug/L		67	(28%-109%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		76.3	ug/L		76	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		80.0	ug/L		80	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		84.1	ug/L		84	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		75.0	ug/L		75	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		51.2	ug/L		51	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		73.2	ug/L		73	(24%-128%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2962635												
2,4-Dinitrotoluene	100	U	ND		87.1	ug/L		87	(36%-129%)	BM1	03/18/26	15:27
2,6-Dinitrotoluene	100	U	ND		84.7	ug/L		85	(35%-126%)			
2-Chloronaphthalene	100	U	ND		71.4	ug/L		71	(31%-114%)			
2-Chlorophenol	100	U	ND		65.7	ug/L		66	(25%-106%)			
2-Methyl-4,6-dinitrophenol	100	U	ND		73.9	ug/L		74	(25%-131%)			
2-Methylnaphthalene	100	U	ND		80.2	ug/L		80	(32%-117%)			
2-Nitrophenol	100	U	ND		72.5	ug/L		73	(28%-118%)			
3,3'-Dichlorobenzidine	100	U	ND		45.0	ug/L		45	(24%-119%)			
4-Bromophenylphenylether	100	U	ND		76.3	ug/L		76	(36%-126%)			
4-Chloro-3-methylphenol	100	U	ND		83.3	ug/L		83	(32%-122%)			
4-Chloroaniline	100	U	ND		46.3	ug/L		46	(27%-117%)			
4-Chlorophenylphenylether	100	U	ND		78.9	ug/L		79	(35%-126%)			
4-Nitrophenol	100	U	ND		59.9	ug/L		60	(9%-95%)			
Acenaphthene	100	U	ND		75.4	ug/L		75	(33%-118%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Acenaphthylene	100	U	ND		69.2	ug/L		69	(30%-112%)	BM1	03/18/26 15:27
Acetophenone	100	U	ND		72.8	ug/L		73	(31%-118%)		
Anthracene	100	U	ND		76.9	ug/L		77	(35%-122%)		
Atrazine	100	U	ND		84.7	ug/L		85	(26%-158%)		
Benzaldehyde	100	U	ND		57.3	ug/L		57	(16%-109%)		
Benzo(a)anthracene	100	U	ND		70.8	ug/L		71	(33%-122%)		
Benzo(a)pyrene	100	U	ND		67.5	ug/L		68	(30%-121%)		
Benzo(b)fluoranthene	100	U	ND		70.7	ug/L		71	(33%-128%)		
Benzo(ghi)perylene	100	U	ND		79.7	ug/L		80	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		69.5	ug/L		70	(32%-128%)		
Butylbenzylphthalate	100	U	ND		75.7	ug/L		76	(35%-136%)		
Carbazole	100	U	ND		85.4	ug/L		85	(39%-129%)		
Chrysene	100	U	ND		69.4	ug/L		69	(34%-122%)		
Di-n-butylphthalate	100	U	ND		80.9	ug/L		81	(36%-133%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Di-n-octylphthalate	100	U	ND		76.5	ug/L		76	(29%-136%)	BM1	03/18/26 15:27
Dibenzo(a,h)anthracene	100	U	ND		77.6	ug/L		78	(30%-124%)		
Dibenzofuran	100	U	ND		77.0	ug/L		77	(36%-120%)		
Diethylphthalate	100	U	ND		82.4	ug/L		82	(37%-133%)		
Dimethylphthalate	100	U	ND		79.8	ug/L		80	(36%-131%)		
Diphenylamine	100	U	ND		74.5	ug/L		74	(33%-124%)		
Fluoranthene	100	U	ND		82.9	ug/L		83	(36%-128%)		
Fluorene	100	U	ND		77.7	ug/L		78	(35%-124%)		
Hexachlorobenzene	100	U	ND		71.9	ug/L		72	(34%-123%)		
Hexachlorobutadiene	100	U	ND		60.0	ug/L		60	(22%-97%)		
Hexachlorocyclopentadiene	100	U	ND		22.4	ug/L		22	(18%-65%)		
Hexachloroethane	100	U	ND		57.4	ug/L		57	(20%-91%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		80.2	ug/L		80	(29%-127%)		
Isophorone	100	U	ND		75.1	ug/L		75	(27%-128%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
N-Nitrosodipropylamine	100	U	ND		75.9	ug/L		76	(30%-128%)	BM1	03/18/26 15:27
Naphthalene	100	U	ND		69.8	ug/L		70	(30%-109%)		
Nitrobenzene	100	U	ND		74.2	ug/L		74	(30%-117%)		
Pentachlorophenol	100	U	ND		82.3	ug/L		82	(30%-131%)		
Phenanthrene	100	U	ND		74.4	ug/L		74	(35%-122%)		
Phenol	100	U	ND		55.3	ug/L		55	(16%-74%)		
Pyrene	100	U	ND		83.5	ug/L		84	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		67.4	ug/L		67	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		73.4	ug/L		73	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		68.4	ug/L		68	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		69.9	ug/L		70	(29%-135%)		
m,p-Cresols	100	U	ND		70.8	ug/L		71	(21%-105%)		
m-Nitroaniline	100	U	ND		76.7	ug/L		77	(29%-127%)		
o-Cresol	100	U	ND		67.9	ug/L		68	(23%-104%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
o-Nitroaniline	100	U	ND		83.1	ug/L		83	(32%-130%)	BM1	03/18/26 15:27
p-Nitroaniline	100	U	ND		96.0	ug/L		96	(33%-134%)		
**2,4,6-Tribromophenol	200		75.3		174	ug/L		87	(28%-113%)		
**2-Fluorobiphenyl	100		30.6		67.0	ug/L		67	(32%-102%)		
**2-Fluorophenol	200		32.3		101	ug/L		51	(15%-72%)		
**Nitrobenzene-d5	100		30.4		68.4	ug/L		68	(31%-100%)		
**Phenol-d5	200		29.3		97.2	ug/L		49	(15%-85%)		
**p-Terphenyl-d14	100		16.4		54.2	ug/L		54	(20%-118%)		
QC1206409551 768399001 MSD											
1,1'-Biphenyl	100	U	ND		69.6	ug/L	0	70	(0%-30%)		03/18/26 15:50
1,2,4,5-Tetrachlorobenzene	100	U	ND		66.6	ug/L	1	67	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		78.2	ug/L	2	78	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		78.7	ug/L	2	79	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		82.8	ug/L	2	83	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		75.6	ug/L	1	76	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2962635												
2,4-Dimethylphenol	100	U	ND		51.2	ug/L	0		51	(0%-30%)	BM1	03/18/26 15:50
2,4-Dinitrophenol	100	U	ND		70.3	ug/L	4		70	(0%-30%)		
2,4-Dinitrotoluene	100	U	ND		87.9	ug/L	1		88	(0%-30%)		
2,6-Dinitrotoluene	100	U	ND		83.6	ug/L	1		84	(0%-30%)		
2-Chloronaphthalene	100	U	ND		71.4	ug/L	0		71	(0%-30%)		
2-Chlorophenol	100	U	ND		66.4	ug/L	1		66	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		70.4	ug/L	5		70	(0%-30%)		
2-Methylnaphthalene	100	U	ND		81.0	ug/L	1		81	(0%-30%)		
2-Nitrophenol	100	U	ND		73.0	ug/L	1		73	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		56.5	ug/L	23		57	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		74.0	ug/L	3		74	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		80.5	ug/L	3		80	(0%-30%)		
4-Chloroaniline	100	U	ND		71.5	ug/L	43	*	72	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		78.0	ug/L	1		78	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
4-Nitrophenol	100	U	ND		59.8	ug/L	0	60	(0%-30%)	BM1	03/18/26 15:50
Acenaphthene	100	U	ND		76.0	ug/L	1	76	(0%-30%)		
Acenaphthylene	100	U	ND		69.9	ug/L	1	70	(0%-30%)		
Acetophenone	100	U	ND		74.6	ug/L	2	75	(0%-30%)		
Anthracene	100	U	ND		75.2	ug/L	2	75	(0%-30%)		
Atrazine	100	U	ND		80.7	ug/L	5	81	(0%-30%)		
Benzaldehyde	100	U	ND		55.5	ug/L	3	56	(0%-30%)		
Benzo(a)anthracene	100	U	ND		68.7	ug/L	3	69	(0%-30%)		
Benzo(a)pyrene	100	U	ND		65.2	ug/L	3	65	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		68.7	ug/L	3	69	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		78.8	ug/L	1	79	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		67.5	ug/L	3	67	(0%-30%)		
Butylbenzylphthalate	100	U	ND		73.1	ug/L	4	73	(0%-30%)		
Carbazole	100	U	ND		84.9	ug/L	1	85	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Chrysene	100	U	ND		67.7	ug/L	3	68	(0%-30%)	BM1	03/18/26 15:50
Di-n-butylphthalate	100	U	ND		78.5	ug/L	3	78	(0%-30%)		
Di-n-octylphthalate	100	U	ND		72.6	ug/L	5	73	(0%-30%)		
Dibenzo(a,h)anthracene	100	U	ND		74.7	ug/L	4	75	(0%-30%)		
Dibenzofuran	100	U	ND		77.1	ug/L	0	77	(0%-30%)		
Diethylphthalate	100	U	ND		82.9	ug/L	1	83	(0%-30%)		
Dimethylphthalate	100	U	ND		80.4	ug/L	1	80	(0%-30%)		
Diphenylamine	100	U	ND		72.8	ug/L	2	73	(0%-30%)		
Fluoranthene	100	U	ND		81.7	ug/L	1	82	(0%-30%)		
Fluorene	100	U	ND		78.0	ug/L	0	78	(0%-30%)		
Hexachlorobenzene	100	U	ND		70.7	ug/L	2	71	(0%-30%)		
Hexachlorobutadiene	100	U	ND		59.8	ug/L	0	60	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		22.5	ug/L	1	23	(0%-30%)		
Hexachloroethane	100	U	ND		58.2	ug/L	1	58	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
Indeno(1,2,3-cd)pyrene	100	U	ND		76.8	ug/L	4	77	(0%-30%)	BM1	03/18/26 15:50
Isophorone	100	U	ND		76.1	ug/L	1	76	(0%-30%)		
N-Nitrosodipropylamine	100	U	ND		77.8	ug/L	2	78	(0%-30%)		
Naphthalene	100	U	ND		70.7	ug/L	1	71	(0%-30%)		
Nitrobenzene	100	U	ND		74.4	ug/L	0	74	(0%-30%)		
Pentachlorophenol	100	U	ND		80.2	ug/L	3	80	(0%-30%)		
Phenanthrene	100	U	ND		72.8	ug/L	2	73	(0%-30%)		
Phenol	100	U	ND		51.9	ug/L	6	52	(0%-30%)		
Pyrene	100	U	ND		82.2	ug/L	2	82	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		68.0	ug/L	1	68	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		74.2	ug/L	1	74	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		68.9	ug/L	1	69	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		67.5	ug/L	4	67	(0%-30%)		
m,p-Cresols	100	U	ND		73.2	ug/L	3	73	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2962635											
m-Nitroaniline	100	U	ND		84.4	ug/L	10	84	(0%-30%)	BM1	03/18/26 15:50
o-Cresol	100	U	ND		70.5	ug/L	4	71	(0%-30%)		
o-Nitroaniline	100	U	ND		84.7	ug/L	2	85	(0%-30%)		
p-Nitroaniline	100	U	ND		101	ug/L	5	101	(0%-30%)		
**2,4,6-Tribromophenol	200		75.3		168	ug/L		84	(28%-113%)		
**2-Fluorobiphenyl	100		30.6		65.8	ug/L		66	(32%-102%)		
**2-Fluorophenol	200		32.3		97.2	ug/L		49	(15%-72%)		
**Nitrobenzene-d5	100		30.4		67.5	ug/L		67	(31%-100%)		
**Phenol-d5	200		29.3		98.5	ug/L		49	(15%-85%)		
**p-Terphenyl-d14	100		16.4		53.5	ug/L		54	(20%-118%)		
Batch 2964568											
QC1206412894 LCS											
1,1'-Biphenyl	1660				1330	ug/kg		80	(47%-110%)	BM1	03/20/26 12:32
1,2,4,5-Tetrachlorobenzene	1660				1310	ug/kg		79	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1420	ug/kg		86	(44%-114%)		
2,4,5-Trichlorophenol	1660				1460	ug/kg		88	(50%-121%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
2,4,6-Trichlorophenol	1660			1480	ug/kg		90	(48%-112%)	BM1	03/20/26 12:32
2,4-Dichlorophenol	1660			1440	ug/kg		87	(47%-112%)		
2,4-Dimethylphenol	1660			984	ug/kg		59	(32%-74%)		
2,4-Dinitrophenol	1660			991	ug/kg		60	(22%-89%)		
2,4-Dinitrotoluene	1660			1590	ug/kg		96	(49%-121%)		
2,6-Dinitrotoluene	1660			1490	ug/kg		90	(47%-118%)		
2-Chloronaphthalene	1660			1400	ug/kg		85	(44%-107%)		
2-Chlorophenol	1660			1370	ug/kg		83	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1150	ug/kg		70	(21%-106%)		
2-Methylnaphthalene	1660			1580	ug/kg		95	(47%-109%)		
2-Nitrophenol	1660			1360	ug/kg		82	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1200	ug/kg		73	(39%-100%)		
4-Bromophenylphenylether	1660			1540	ug/kg		93	(50%-120%)		
4-Chloro-3-methylphenol	1660			1500	ug/kg		91	(50%-114%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
4-Chloroaniline	1660			1210	ug/kg		73	(38%-96%)	BM1	03/20/26 12:32
4-Chlorophenylphenylether	1660			1560	ug/kg		94	(50%-118%)		
4-Nitrophenol	1660			1540	ug/kg		93	(46%-120%)		
Acenaphthene	1660			1450	ug/kg		88	(45%-112%)		
Acenaphthylene	1660			1350	ug/kg		82	(43%-106%)		
Acetophenone	1660			1270	ug/kg		76	(35%-100%)		
Anthracene	1660			1530	ug/kg		92	(50%-115%)		
Atrazine	1660			1600	ug/kg		97	(51%-144%)		
Benzaldehyde	1660		J	208	ug/kg		13*	(21%-89%)		
Benzo(a)anthracene	1660			1460	ug/kg		88	(51%-117%)		
Benzo(a)pyrene	1660			1420	ug/kg		86	(48%-118%)		
Benzo(b)fluoranthene	1660			1490	ug/kg		90	(51%-121%)		
Benzo(ghi)perylene	1660			1550	ug/kg		94	(51%-125%)		
Benzo(k)fluoranthene	1660			1520	ug/kg		92	(50%-124%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Butylbenzylphthalate	1660			1600	ug/kg		97	(51%-133%)	BM1	03/20/26 12:32
Carbazole	1660			1560	ug/kg		94	(53%-119%)		
Chrysene	1660			1440	ug/kg		87	(52%-116%)		
Di-n-butylphthalate	1660			1590	ug/kg		96	(54%-126%)		
Di-n-octylphthalate	1660			1490	ug/kg		90	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1380	ug/kg		83	(48%-120%)		
Dibenzofuran	1660			1500	ug/kg		91	(50%-110%)		
Diethylphthalate	1660			1540	ug/kg		93	(52%-123%)		
Dimethylphthalate	1660			1470	ug/kg		89	(49%-124%)		
Diphenylamine	1660			1500	ug/kg		90	(51%-115%)		
Fluoranthene	1660			1590	ug/kg		96	(52%-121%)		
Fluorene	1660			1490	ug/kg		90	(50%-116%)		
Hexachlorobenzene	1660			1470	ug/kg		89	(48%-117%)		
Hexachlorobutadiene	1660			1410	ug/kg		85	(40%-105%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Hexachlorocyclopentadiene	1660			931	ug/kg		56	(26%-82%)	BM1	03/20/26 12:32
Hexachloroethane	1660			1290	ug/kg		78	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1410	ug/kg		85	(47%-123%)		
Isophorone	1660			1410	ug/kg		85	(37%-120%)		
N-Nitrosodipropylamine	1660			1440	ug/kg		87	(46%-113%)		
Naphthalene	1660			1390	ug/kg		84	(44%-105%)		
Nitrobenzene	1660			1420	ug/kg		86	(44%-106%)		
Pentachlorophenol	1660			1520	ug/kg		92	(36%-111%)		
Phenanthrene	1660			1490	ug/kg		90	(50%-114%)		
Phenol	1660			1380	ug/kg		84	(46%-107%)		
Pyrene	1660			1610	ug/kg		97	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1380	ug/kg		83	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1440	ug/kg		87	(45%-106%)		
bis(2-Chloroethyl) ether	1660			1360	ug/kg		82	(44%-106%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
bis(2-Ethylhexyl)phthalate	1660			1540	ug/kg		93	(50%-134%)	BM1	03/20/26 12:32
m,p-Cresols	1660			1380	ug/kg		84	(46%-106%)		
m-Nitroaniline	1660			1340	ug/kg		81	(41%-108%)		
o-Cresol	1660			1350	ug/kg		82	(45%-105%)		
o-Nitroaniline	1660			1480	ug/kg		89	(48%-117%)		
p-Nitroaniline	1660			1520	ug/kg		92	(49%-119%)		
**2,4,6-Tribromophenol	3310			2840	ug/kg		86	(20%-104%)		
**2-Fluorobiphenyl	1660			1250	ug/kg		75	(20%-93%)		
**2-Fluorophenol	3310			2530	ug/kg		76	(19%-94%)		
**Nitrobenzene-d5	1660			1200	ug/kg		72	(19%-90%)		
**Phenol-d5	3310			2580	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1450	ug/kg		87	(24%-107%)		
QC1206412893 MB										
1,1'-Biphenyl			U	ND	ug/kg					03/20/26 12:11
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg				BM1	03/20/26 12:11
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					
3,3'-Dichlorobenzidine			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
4-Bromophenylphenylether			U	ND	ug/kg				BM1	03/20/26 12:11
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					
Benzo(b)fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Benzo(ghi)perylene			U	ND	ug/kg				BM1	03/20/26 12:11
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					
Fluorene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
Hexachlorobenzene			U	ND	ug/kg				BM1	03/20/26 12:11
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2964568										
bis(2-Chloroethoxy)methane			U	ND	ug/kg				BM1	03/20/26 12:11
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			2740	ug/kg		83	(20%-104%)		
**2-Fluorobiphenyl	1660			1350	ug/kg		81	(20%-93%)		
**2-Fluorophenol	3320			2580	ug/kg		78	(19%-94%)		
**Nitrobenzene-d5	1660			1260	ug/kg		76	(19%-90%)		
**Phenol-d5	3320			2570	ug/kg		78	(20%-99%)		
**p-Terphenyl-d14	1660			1440	ug/kg		87	(24%-107%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
QC1206412895 769001002 MS											
1,1'-Biphenyl	1880	U	ND		1110	ug/kg		59	(16%-112%)	BM1	03/20/26 14:34
1,2,4,5-Tetrachlorobenzene	1880	U	ND		1040	ug/kg		55	(16%-106%)		
2,3,4,6-Tetrachlorophenol	1880	U	ND		1160	ug/kg		61	(15%-114%)		
2,4,5-Trichlorophenol	1880	U	ND		1230	ug/kg		65	(16%-122%)		
2,4,6-Trichlorophenol	1880	U	ND		1280	ug/kg		68	(16%-112%)		
2,4-Dichlorophenol	1880	U	ND		1170	ug/kg		62	(15%-112%)		
2,4-Dimethylphenol	1880	U	ND		820	ug/kg		44	(17%-73%)		
2,4-Dinitrophenol	1880	U	ND	J	734	ug/kg		39	(19%-117%)		
2,4-Dinitrotoluene	1880	U	ND		1290	ug/kg		69	(15%-119%)		
2,6-Dinitrotoluene	1880	U	ND		1270	ug/kg		67	(14%-119%)		
2-Chloronaphthalene	1880	U	ND		1180	ug/kg		63	(15%-108%)		
2-Chlorophenol	1880	U	ND		1160	ug/kg		62	(17%-104%)		
2-Methyl-4,6-dinitrophenol	1880	U	ND		718	ug/kg		38	(10%-120%)		
2-Methylnaphthalene	1880	U	ND		1290	ug/kg		69	(16%-108%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
2-Nitrophenol	1880	U	ND		1130	ug/kg		60	(14%-107%)	BM1	03/20/26 14:34
3,3'-Dichlorobenzidine	1880	U	ND		597	ug/kg		32	(13%-95%)		
4-Bromophenylphenylether	1880	U	ND		1320	ug/kg		70	(16%-122%)		
4-Chloro-3-methylphenol	1880	U	ND		1230	ug/kg		65	(17%-116%)		
4-Chloroaniline	1880	U	ND		675	ug/kg		36	(16%-91%)		
4-Chlorophenylphenylether	1880	U	ND		1340	ug/kg		71	(16%-120%)		
4-Nitrophenol	1880	U	ND		910	ug/kg		48	(14%-122%)		
Acenaphthene	1880	U	ND		1250	ug/kg		66	(15%-114%)		
Acenaphthylene	1880	U	ND		1170	ug/kg		62	(16%-107%)		
Acetophenone	1880	U	ND		1070	ug/kg		57	(16%-97%)		
Anthracene	1880	U	ND		1340	ug/kg		71	(16%-119%)		
Atrazine	1880	U	ND		1250	ug/kg		66	(12%-144%)		
Benzaldehyde	1880	U	ND		388	ug/kg		21	(12%-103%)		
Benzo(a)anthracene	1880	J	17.3		1300	ug/kg		68	(16%-120%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2964568												
Benzo(a)pyrene	1880	J	16.6		1340	ug/kg		71	(16%-119%)	BM1	03/20/26	14:34
Benzo(b)fluoranthene	1880	J	24.9		1430	ug/kg		74	(16%-123%)			
Benzo(ghi)perylene	1880	U	ND		1390	ug/kg		74	(15%-127%)			
Benzo(k)fluoranthene	1880	U	ND		1360	ug/kg		72	(16%-126%)			
Butylbenzylphthalate	1880	U	ND		1480	ug/kg		79	(14%-135%)			
Carbazole	1880	U	ND		1370	ug/kg		73	(16%-123%)			
Chrysene	1880	J	12.4		1230	ug/kg		65	(17%-119%)			
Di-n-butylphthalate	1880	U	ND		1520	ug/kg		81	(16%-129%)			
Di-n-octylphthalate	1880	U	ND		1650	ug/kg		88	(16%-134%)			
Dibenzo(a,h)anthracene	1880	U	ND		1250	ug/kg		66	(16%-120%)			
Dibenzofuran	1880	U	ND		1280	ug/kg		68	(17%-114%)			
Diethylphthalate	1880	U	ND		1370	ug/kg		73	(16%-124%)			
Dimethylphthalate	1880	U	ND		1260	ug/kg		67	(16%-123%)			
Diphenylamine	1880	U	ND		1300	ug/kg		69	(18%-116%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
Fluoranthene	1880	J	21.9		1430	ug/kg		75	(17%-124%)	BM1	03/20/26 14:34
Fluorene	1880	U	ND		1310	ug/kg		69	(16%-119%)		
Hexachlorobenzene	1880	U	ND		1260	ug/kg		67	(18%-117%)		
Hexachlorobutadiene	1880	U	ND		1030	ug/kg		55	(15%-101%)		
Hexachlorocyclopentadiene	1880	U	ND		447	ug/kg		24	(16%-60%)		
Hexachloroethane	1880	U	ND		996	ug/kg		53	(16%-87%)		
Indeno(1,2,3-cd)pyrene	1880	J	13.9		1310	ug/kg		69	(14%-125%)		
Isophorone	1880	U	ND		1270	ug/kg		67	(12%-116%)		
N-Nitrosodipropylamine	1880	U	ND		1290	ug/kg		69	(14%-113%)		
Naphthalene	1880	U	ND		1120	ug/kg		60	(15%-105%)		
Nitrobenzene	1880	U	ND		1190	ug/kg		63	(15%-105%)		
Pentachlorophenol	1880	U	ND		946	ug/kg		50	(11%-115%)		
Phenanthrene	1880	J	11.3		1300	ug/kg		69	(15%-120%)		
Phenol	1880	U	ND		1240	ug/kg		66	(16%-107%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
Pyrene	1880	J	20.4		1420	ug/kg		74	(15%-127%)	BM1	03/20/26 14:34
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		1230	ug/kg		65	(10%-110%)		
bis(2-Chloroethoxy)methane	1880	U	ND		1150	ug/kg		61	(16%-105%)		
bis(2-Chloroethyl) ether	1880	U	ND		1200	ug/kg		64	(14%-106%)		
bis(2-Ethylhexyl)phthalate	1880		42.6		1560	ug/kg		81	(15%-135%)		
m,p-Cresols	1880	U	ND		1220	ug/kg		65	(17%-106%)		
m-Nitroaniline	1880	U	ND		844	ug/kg		45	(15%-103%)		
o-Cresol	1880	U	ND		1200	ug/kg		64	(17%-104%)		
o-Nitroaniline	1880	U	ND		1340	ug/kg		71	(16%-116%)		
p-Nitroaniline	1880	U	ND		1130	ug/kg		60	(12%-118%)		
**2,4,6-Tribromophenol	3760		2940		2790	ug/kg		74	(20%-104%)		
**2-Fluorobiphenyl	1880		1310		1160	ug/kg		62	(20%-93%)		
**2-Fluorophenol	3760		2660		2400	ug/kg		64	(19%-94%)		
**Nitrobenzene-d5	1880		1270		1140	ug/kg		61	(19%-90%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
**Phenol-d5	3760		2730		2530	ug/kg			67	(20%-99%)	BM1	03/20/26 14:34
**p-Terphenyl-d14	1880		1440		1380	ug/kg			73	(24%-107%)		
QC1206412896 769001002 MSD												
1,1'-Biphenyl	1880	U	ND		778	ug/kg	35	*	41	(0%-30%)		03/20/26 14:54
1,2,4,5-Tetrachlorobenzene	1880	U	ND		714	ug/kg	37	*	38	(0%-30%)		
2,3,4,6-Tetrachlorophenol	1880	U	ND		800	ug/kg	36	*	42	(0%-30%)		
2,4,5-Trichlorophenol	1880	U	ND		873	ug/kg	34	*	46	(0%-30%)		
2,4,6-Trichlorophenol	1880	U	ND		885	ug/kg	36	*	47	(0%-30%)		
2,4-Dichlorophenol	1880	U	ND		819	ug/kg	35	*	43	(0%-30%)		
2,4-Dimethylphenol	1880	U	ND		592	ug/kg	32	*	31	(0%-30%)		
2,4-Dinitrophenol	1880	U	ND	J	576	ug/kg	24		31	(0%-30%)		
2,4-Dinitrotoluene	1880	U	ND		861	ug/kg	40	*	46	(0%-30%)		
2,6-Dinitrotoluene	1880	U	ND		854	ug/kg	39	*	45	(0%-30%)		
2-Chloronaphthalene	1880	U	ND		821	ug/kg	36	*	44	(0%-30%)		
2-Chlorophenol	1880	U	ND		840	ug/kg	32	*	45	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
2-Methyl-4,6-dinitrophenol	1880	U	ND		390	ug/kg	59	*	21	(0%-30%)	BM1	03/20/26 14:54
2-Methylnaphthalene	1880	U	ND		905	ug/kg	35	*	48	(0%-30%)		
2-Nitrophenol	1880	U	ND		753	ug/kg	40	*	40	(0%-30%)		
3,3'-Dichlorobenzidine	1880	U	ND		560	ug/kg	6		30	(0%-30%)		
4-Bromophenylphenylether	1880	U	ND		932	ug/kg	35	*	50	(0%-30%)		
4-Chloro-3-methylphenol	1880	U	ND		867	ug/kg	35	*	46	(0%-30%)		
4-Chloroaniline	1880	U	ND		636	ug/kg	6		34	(0%-30%)		
4-Chlorophenylphenylether	1880	U	ND		947	ug/kg	35	*	50	(0%-30%)		
4-Nitrophenol	1880	U	ND	U	ND	ug/kg	200	*	0	* (0%-30%)		
Acenaphthene	1880	U	ND		873	ug/kg	36	*	46	(0%-30%)		
Acenaphthylene	1880	U	ND		819	ug/kg	35	*	44	(0%-30%)		
Acetophenone	1880	U	ND		765	ug/kg	33	*	41	(0%-30%)		
Anthracene	1880	U	ND		953	ug/kg	34	*	51	(0%-30%)		
Atrazine	1880	U	ND		809	ug/kg	43	*	43	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Benzaldehyde	1880	U	ND		603	ug/kg	43	*	32	(0%-30%)	BM1	03/20/26 14:54
Benzo(a)anthracene	1880	J	17.3		936	ug/kg	32	*	49	(0%-30%)		
Benzo(a)pyrene	1880	J	16.6		975	ug/kg	32	*	51	(0%-30%)		
Benzo(b)fluoranthene	1880	J	24.9		1010	ug/kg	34	*	53	(0%-30%)		
Benzo(ghi)perylene	1880	U	ND		1020	ug/kg	31	*	54	(0%-30%)		
Benzo(k)fluoranthene	1880	U	ND		996	ug/kg	31	*	53	(0%-30%)		
Butylbenzylphthalate	1880	U	ND		1030	ug/kg	35	*	55	(0%-30%)		
Carbazole	1880	U	ND		971	ug/kg	34	*	52	(0%-30%)		
Chrysene	1880	J	12.4		884	ug/kg	33	*	46	(0%-30%)		
Di-n-butylphthalate	1880	U	ND		1100	ug/kg	32	*	58	(0%-30%)		
Di-n-octylphthalate	1880	U	ND		1160	ug/kg	35	*	61	(0%-30%)		
Dibenzo(a,h)anthracene	1880	U	ND		921	ug/kg	30		49	(0%-30%)		
Dibenzofuran	1880	U	ND		890	ug/kg	36	*	47	(0%-30%)		
Diethylphthalate	1880	U	ND		967	ug/kg	35	*	51	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Dimethylphthalate	1880	U	ND		883	ug/kg	35	*	47	(0%-30%)	BM1	03/20/26 14:54
Diphenylamine	1880	U	ND		929	ug/kg	33	*	49	(0%-30%)		
Fluoranthene	1880	J	21.9		1030	ug/kg	32	*	54	(0%-30%)		
Fluorene	1880	U	ND		933	ug/kg	33	*	50	(0%-30%)		
Hexachlorobenzene	1880	U	ND		900	ug/kg	34	*	48	(0%-30%)		
Hexachlorobutadiene	1880	U	ND		688	ug/kg	40	*	37	(0%-30%)		
Hexachlorocyclopentadiene	1880	U	ND	J	180	ug/kg	85	*	10*	(0%-30%)		
Hexachloroethane	1880	U	ND		675	ug/kg	39	*	36	(0%-30%)		
Indeno(1,2,3-cd)pyrene	1880	J	13.9		963	ug/kg	31	*	50	(0%-30%)		
Isophorone	1880	U	ND		853	ug/kg	39	*	45	(0%-30%)		
N-Nitrosodipropylamine	1880	U	ND		912	ug/kg	35	*	48	(0%-30%)		
Naphthalene	1880	U	ND		781	ug/kg	36	*	42	(0%-30%)		
Nitrobenzene	1880	U	ND		812	ug/kg	37	*	43	(0%-30%)		
Pentachlorophenol	1880	U	ND		723	ug/kg	27		38	(0%-30%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS												
Batch 2964568												
Phenanthrene	1880	J	11.3		929	ug/kg	33	*	49	(0%-30%)	BM1	03/20/26 14:54
Phenol	1880	U	ND	U	ND	ug/kg	200	*	0 *	(0%-30%)		
Pyrene	1880	J	20.4		1020	ug/kg	33	*	53	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	1880	U	ND		854	ug/kg	36	*	45	(0%-30%)		
bis(2-Chloroethoxy)methane	1880	U	ND		795	ug/kg	37	*	42	(0%-30%)		
bis(2-Chloroethyl) ether	1880	U	ND		871	ug/kg	32	*	46	(0%-30%)		
bis(2-Ethylhexyl)phthalate	1880		42.6		1110	ug/kg	34	*	57	(0%-30%)		
m,p-Cresols	1880	U	ND		884	ug/kg	32	*	47	(0%-30%)		
m-Nitroaniline	1880	U	ND		740	ug/kg	13		39	(0%-30%)		
o-Cresol	1880	U	ND		848	ug/kg	34	*	45	(0%-30%)		
o-Nitroaniline	1880	U	ND		904	ug/kg	39	*	48	(0%-30%)		
p-Nitroaniline	1880	U	ND		802	ug/kg	34	*	43	(0%-30%)		
**2,4,6-Tribromophenol	3760		2940		1920	ug/kg			51	(20%-104%)		
**2-Fluorobiphenyl	1880		1310		778	ug/kg			41	(20%-93%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2964568											
**2-Fluorophenol	3760	2660		1710	ug/kg			45	(19%-94%)	BM1	03/20/26 14:54
**Nitrobenzene-d5	1880	1270		761	ug/kg			40	(19%-90%)		
**Phenol-d5	3760	2730		1810	ug/kg			48	(20%-99%)		
**p-Terphenyl-d14	1880	1440		970	ug/kg			52	(24%-107%)		
Spectrometric Analysis											
Batch 2960871											
QC1206406205 768011002 DUP											
Hexavalent Chromium		0.0170		0.0159	mg/L	6.69	^		(+/-0.0100)	BR2	03/12/26 17:46
QC1206406204 LCS											
Hexavalent Chromium	0.0472			0.0499	mg/L			106	(85%-115%)		03/12/26 17:46
QC1206406203 MB											
Hexavalent Chromium			U	ND	mg/L						03/12/26 17:46
QC1206406206 768011002 MS											
Hexavalent Chromium	0.0472	0.0170		0.0664	mg/L			105	(85%-115%)		03/12/26 17:46
Batch 2962940											
QC1206410022 767984004 DUP											
Hexavalent Chromium		0.502		0.502	mg/kg	0.0205	^		(+/-0.310)	BR2	03/25/26 12:42
QC1206410024 ILCS											
Hexavalent Chromium	6.99			6.93	mg/kg			99.1	(80%-120%)		03/25/26 12:42
QC1206410019 LCS											
Hexavalent Chromium	3.44			3.32	mg/kg			96.5	(80%-120%)		03/25/26 12:42

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis										
Batch 2962940										
QC1206410018 MB										
Hexavalent Chromium			U	ND	mg/kg				BR2	03/25/26 12:42
QC1206410023 767984004 MS										
Hexavalent Chromium	3.10	0.502		3.31	mg/kg		90.5	(75%-125%)		03/25/26 12:42
Volatile-GC/MS										
Batch 2967250										
QC1206419148 LCS										
1,1,1-Trichloroethane	50.0			49.2	ug/L		98	(70%-130%)	JEB	03/26/26 07:26
1,1,2,2-Tetrachloroethane	50.0			66.7	ug/L		133*	(70%-130%)		
1,1,2-Trichloroethane	50.0			60.0	ug/L		120	(70%-130%)		
1,1-Dichloroethane	50.0			55.9	ug/L		112	(70%-130%)		
1,1-Dichloroethylene	50.0			59.9	ug/L		120	(70%-130%)		
1,2,3-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2,4-Trichlorobenzene	50.0			49.3	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0			41.4	ug/L		83	(70%-130%)		
1,2-Dibromoethane	50.0			57.9	ug/L		116	(70%-130%)		
1,2-Dichlorobenzene	50.0			51.4	ug/L		103	(70%-130%)		
1,2-Dichloroethane	50.0			45.8	ug/L		92	(70%-130%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dichloropropane	50.0			59.7	ug/L		119	(70%-130%)	JEB	03/26/26 07:26
1,3-Dichlorobenzene	50.0			52.7	ug/L		105	(70%-130%)		
1,4-Dichlorobenzene	50.0			52.3	ug/L		105	(70%-130%)		
2-Butanone	250			280	ug/L		112	(70%-130%)		
2-Hexanone	250			298	ug/L		119	(70%-130%)		
4-Methyl-2-pentanone	250			311	ug/L		125	(70%-130%)		
Acetone	250			207	ug/L		83	(70%-130%)		
Benzene	50.0			54.9	ug/L		110	(70%-130%)		
Bromochloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Bromodichloromethane	50.0			56.4	ug/L		113	(70%-130%)		
Bromoform	50.0			49.2	ug/L		98	(70%-130%)		
Bromomethane	50.0			45.0	ug/L		90	(70%-130%)		
Carbon disulfide	250			289	ug/L		116	(70%-130%)		
Carbon tetrachloride	50.0			50.0	ug/L		100	(70%-130%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Chlorobenzene	50.0			51.7	ug/L		103	(70%-130%)	JEB	03/26/26 07:26
Chloroethane	50.0			58.1	ug/L		116	(70%-130%)		
Chloroform	50.0			50.2	ug/L		100	(70%-130%)		
Chloromethane	50.0			44.4	ug/L		89	(70%-130%)		
Cyclohexane	50.0			60.7	ug/L		121	(70%-130%)		
Dibromochloromethane	50.0			47.4	ug/L		95	(70%-130%)		
Dichlorodifluoromethane	50.0			53.9	ug/L		108	(70%-130%)		
Ethylbenzene	50.0			53.6	ug/L		107	(70%-130%)		
Isopropylbenzene	50.0			62.3	ug/L		125	(70%-130%)		
Methyl acetate	250			288	ug/L		115	(70%-130%)		
Methylcyclohexane	50.0			55.9	ug/L		112	(70%-130%)		
Methylene chloride	50.0			51.4	ug/L		103	(70%-130%)		
Styrene	50.0			55.4	ug/L		111	(70%-130%)		
Tetrachloroethylene	50.0			49.7	ug/L		99	(70%-130%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Toluene	50.0			54.9	ug/L		110	(70%-130%)	JEB	03/26/26 07:26
Trichloroethylene	50.0			52.3	ug/L		105	(70%-130%)		
Trichlorofluoromethane	50.0			43.4	ug/L		87	(70%-130%)		
Vinyl chloride	50.0			44.8	ug/L		90	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			53.1	ug/L		106	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			61.7	ug/L		123	(70%-130%)		
m,p-Xylenes	100			107	ug/L		107	(70%-130%)		
o-Xylene	50.0			52.6	ug/L		105	(70%-130%)		
tert-Butyl methyl ether	50.0			52.6	ug/L		105	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			55.4	ug/L		111	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			54.9	ug/L		110	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			42.7	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0			53.5	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			48.3	ug/L		97	(77%-121%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
QC1206419149 LCS										
1,4-Dioxane	2500			1490	ug/L		60*	(70%-130%)	JEB	03/26/26 08:17
Trichlorotrifluoroethane	250			199	ug/L		80	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			41.9	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0			52.6	ug/L		105	(77%-123%)		
**Toluene-d8	50.0			46.8	ug/L		94	(77%-121%)		
QC1206419150 MB										
1,1,1-Trichloroethane			U	ND	ug/L					03/26/26 09:08
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
1,2-Dichlorobenzene			U	ND	ug/L				JEB	03/26/26 09:08
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Bromomethane			U	ND	ug/L				JEB	03/26/26 09:08
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967250										
Methylene chloride			U	ND	ug/L				JEB	03/26/26 09:08
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
trans-1,3-Dichloropropylene				U	ND	ug/L				JEB	03/26/26 09:08
**1,2-Dichloroethane-d4	50.0				41.1	ug/L		82	(71%-131%)		
**Bromofluorobenzene	50.0				48.1	ug/L		96	(77%-123%)		
**Toluene-d8	50.0				47.6	ug/L		95	(77%-121%)		
QC1206417830 769194001 MS											
1,1,1-Trichloroethane	50.0	U	ND		41.3	ug/L		83	(60%-123%)		03/26/26 12:30
1,1,2,2-Tetrachloroethane	50.0	U	ND		59.2	ug/L		118	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		52.9	ug/L		106	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		48.6	ug/L		97	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		50.9	ug/L		102	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		40.1	ug/L		80	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		39.0	ug/L		78	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		38.6	ug/L		77	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		51.7	ug/L		103	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		43.4	ug/L		87	(58%-123%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
1,2-Dichloroethane	50.0	U	ND		40.7	ug/L		81	(58%-130%)	JEB	03/26/26	12:30
1,2-Dichloropropane	50.0	U	ND		51.9	ug/L		104	(65%-124%)			
1,3-Dichlorobenzene	50.0	U	ND		43.2	ug/L		86	(56%-122%)			
1,4-Dichlorobenzene	50.0	U	ND		43.1	ug/L		86	(54%-123%)			
2-Butanone	250	U	ND		268	ug/L		107	(59%-136%)			
2-Hexanone	250	U	ND		302	ug/L		121	(58%-145%)			
4-Methyl-2-pentanone	250	U	ND		299	ug/L		120	(63%-135%)			
Acetone	250	U	ND		195	ug/L		78	(50%-140%)			
Benzene	50.0	U	ND		47.3	ug/L		95	(64%-119%)			
Bromochloromethane	50.0	U	ND		43.2	ug/L		86	(63%-130%)			
Bromodichloromethane	50.0	U	ND		48.6	ug/L		97	(65%-125%)			
Bromoform	50.0	U	ND		41.9	ug/L		84	(49%-129%)			
Bromomethane	50.0	U	ND		41.2	ug/L		82	(55%-154%)			
Carbon disulfide	250	U	ND		244	ug/L		98	(60%-139%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Carbon tetrachloride	50.0	U	ND		41.9	ug/L		84	(60%-127%)	JEB	03/26/26	12:30
Chlorobenzene	50.0	U	ND		44.2	ug/L		88	(61%-120%)			
Chloroethane	50.0	U	ND		53.4	ug/L		107	(60%-138%)			
Chloroform	50.0	U	ND		43.8	ug/L		88	(64%-122%)			
Chloromethane	50.0	U	ND		37.9	ug/L		76	(43%-161%)			
Cyclohexane	50.0	U	ND		51.2	ug/L		102	(51%-125%)			
Dibromochloromethane	50.0	U	ND		41.3	ug/L		83	(60%-130%)			
Dichlorodifluoromethane	50.0	U	ND		43.9	ug/L		88	(37%-162%)			
Ethylbenzene	50.0	U	ND		45.2	ug/L		90	(57%-122%)			
Isopropylbenzene	50.0	U	ND		51.0	ug/L		102	(53%-128%)			
Methyl acetate	250	U	ND		265	ug/L		106	(58%-145%)			
Methylcyclohexane	50.0	U	ND		47.5	ug/L		95	(58%-122%)			
Methylene chloride	50.0	U	ND		44.1	ug/L		88	(61%-135%)			
Styrene	50.0	U	ND		47.5	ug/L		95	(55%-125%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Tetrachloroethylene	50.0	U	ND		41.5	ug/L		83	(53%-124%)	JEB	03/26/26	12:30
Toluene	50.0	U	ND		47.0	ug/L		94	(60%-120%)			
Trichloroethylene	50.0	U	ND		44.9	ug/L		90	(59%-126%)			
Trichlorofluoromethane	50.0	U	ND		39.4	ug/L		79	(51%-134%)			
Vinyl chloride	50.0	U	ND		39.4	ug/L		79	(42%-155%)			
cis-1,2-Dichloroethylene	50.0	U	ND		45.4	ug/L		91	(65%-124%)			
cis-1,3-Dichloropropylene	50.0	U	ND		52.0	ug/L		104	(61%-123%)			
m,p-Xylenes	100	U	ND		89.9	ug/L		90	(58%-122%)			
o-Xylene	50.0	U	ND		45.2	ug/L		90	(59%-123%)			
tert-Butyl methyl ether	50.0	U	ND		44.3	ug/L		89	(60%-124%)			
trans-1,2-Dichloroethylene	50.0	U	ND		47.5	ug/L		95	(64%-127%)			
trans-1,3-Dichloropropylene	50.0	U	ND		45.7	ug/L		91	(62%-127%)			
**1,2-Dichloroethane-d4	50.0		43.4		43.1	ug/L		86	(71%-131%)			
**Bromofluorobenzene	50.0		48.1		50.9	ug/L		102	(77%-123%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
**Toluene-d8	50.0		46.8		47.6	ug/L		95	(77%-121%)	JEB	03/26/26 12:30
QC1206417832 769194001 MS											
1,4-Dioxane	2500	U	ND		1660	ug/L		66	(50%-136%)		03/26/26 13:21
Trichlorotrifluoroethane	250	U	ND		194	ug/L		78	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.9	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		47.1	ug/L		94	(77%-121%)		
QC1206417831 769194001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		44.1	ug/L	7	88	(0%-20%)		03/26/26 12:56
1,1,2,2-Tetrachloroethane	50.0	U	ND		61.2	ug/L	3	122	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		53.9	ug/L	2	108	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		50.8	ug/L	4	102	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		53.6	ug/L	5	107	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		44.5	ug/L	10	89	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		42.4	ug/L	8	85	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
1,2-Dibromo-3-chloropropane	50.0	U	ND		40.7	ug/L	5	81	(0%-20%)	JEB	03/26/26 12:56
1,2-Dibromoethane	50.0	U	ND		52.1	ug/L	1	104	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		45.6	ug/L	5	91	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		41.4	ug/L	2	83	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		53.4	ug/L	3	107	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		45.1	ug/L	4	90	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		44.9	ug/L	4	90	(0%-20%)		
2-Butanone	250	U	ND		266	ug/L	1	106	(0%-20%)		
2-Hexanone	250	U	ND		290	ug/L	4	116	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		296	ug/L	1	119	(0%-20%)		
Acetone	250	U	ND		198	ug/L	1	79	(0%-20%)		
Benzene	50.0	U	ND		49.3	ug/L	4	99	(0%-20%)		
Bromochloromethane	50.0	U	ND		44.6	ug/L	3	89	(0%-20%)		
Bromodichloromethane	50.0	U	ND		50.5	ug/L	4	101	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
Bromoform	50.0	U	ND		43.8	ug/L	4	88	(0%-20%)	JEB	03/26/26 12:56
Bromomethane	50.0	U	ND		44.2	ug/L	7	88	(0%-20%)		
Carbon disulfide	250	U	ND		257	ug/L	5	103	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		44.5	ug/L	6	89	(0%-20%)		
Chlorobenzene	50.0	U	ND		45.7	ug/L	3	91	(0%-20%)		
Chloroethane	50.0	U	ND		56.7	ug/L	6	113	(0%-20%)		
Chloroform	50.0	U	ND		45.7	ug/L	4	91	(0%-20%)		
Chloromethane	50.0	U	ND		40.3	ug/L	6	81	(0%-20%)		
Cyclohexane	50.0	U	ND		54.5	ug/L	6	109	(0%-20%)		
Dibromochloromethane	50.0	U	ND		42.5	ug/L	3	85	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		46.8	ug/L	6	94	(0%-20%)		
Ethylbenzene	50.0	U	ND		47.4	ug/L	5	95	(0%-20%)		
Isopropylbenzene	50.0	U	ND		55.6	ug/L	9	111	(0%-20%)		
Methyl acetate	250	U	ND		265	ug/L	0	106	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2967250												
Methylcyclohexane	50.0	U	ND		50.1	ug/L	5	100	(0%-20%)	JEB	03/26/26	12:56
Methylene chloride	50.0	U	ND		46.3	ug/L	5	93	(0%-20%)			
Styrene	50.0	U	ND		48.4	ug/L	2	97	(0%-20%)			
Tetrachloroethylene	50.0	U	ND		43.2	ug/L	4	86	(0%-20%)			
Toluene	50.0	U	ND		49.1	ug/L	4	98	(0%-20%)			
Trichloroethylene	50.0	U	ND		46.8	ug/L	4	94	(0%-20%)			
Trichlorofluoromethane	50.0	U	ND		41.9	ug/L	6	84	(0%-20%)			
Vinyl chloride	50.0	U	ND		41.7	ug/L	6	83	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND		47.6	ug/L	5	95	(0%-20%)			
cis-1,3-Dichloropropylene	50.0	U	ND		53.6	ug/L	3	107	(0%-20%)			
m,p-Xylenes	100	U	ND		93.9	ug/L	4	94	(0%-20%)			
o-Xylene	50.0	U	ND		47.2	ug/L	4	94	(0%-20%)			
tert-Butyl methyl ether	50.0	U	ND		46.6	ug/L	5	93	(0%-20%)			
trans-1,2-Dichloroethylene	50.0	U	ND		49.9	ug/L	5	100	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967250											
trans-1,3-Dichloropropylene	50.0	U	ND		46.9	ug/L	3	94	(0%-20%)	JEB	03/26/26 12:56
**1,2-Dichloroethane-d4	50.0		43.4		42.3	ug/L		85	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		51.7	ug/L		103	(77%-123%)		
**Toluene-d8	50.0		46.8		47.4	ug/L		95	(77%-121%)		
QC1206417833 769194001 MSD											
1,4-Dioxane	2500	U	ND		1560	ug/L	6	62	(0%-20%)		03/26/26 13:46
Trichlorotrifluoroethane	250	U	ND		210	ug/L	8	84	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		43.4		42.0	ug/L		84	(71%-131%)		
**Bromofluorobenzene	50.0		48.1		52.2	ug/L		104	(77%-123%)		
**Toluene-d8	50.0		46.8		48.4	ug/L		97	(77%-121%)		
Batch 2967540											
QC1206418278 LCS											
1,1,1-Trichloroethane	50.0				46.5	ug/kg		93	(72%-126%)	PXY1	03/25/26 09:42
1,1,2,2-Tetrachloroethane	50.0				49.3	ug/kg		99	(69%-120%)		
1,1,2-Trichloroethane	50.0				48.1	ug/kg		96	(74%-120%)		
1,1-Dichloroethane	50.0				51.8	ug/kg		104	(72%-126%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
1,1-Dichloroethylene	50.0			52.7	ug/kg		105	(71%-136%)	PXY1	03/25/26 09:42
1,2,3-Trichlorobenzene	50.0			51.7	ug/kg		103	(67%-130%)		
1,2,4-Trichlorobenzene	50.0			48.8	ug/kg		98	(68%-130%)		
1,2-Dibromo-3-chloropropane	50.0			47.1	ug/kg		94	(60%-135%)		
1,2-Dibromoethane	50.0			48.5	ug/kg		97	(79%-120%)		
1,2-Dichlorobenzene	50.0			48.0	ug/kg		96	(73%-120%)		
1,2-Dichloroethane	50.0			47.4	ug/kg		95	(66%-123%)		
1,2-Dichloropropane	50.0			48.8	ug/kg		98	(72%-120%)		
1,3-Dichlorobenzene	50.0			47.6	ug/kg		95	(72%-120%)		
1,4-Dichlorobenzene	50.0			46.5	ug/kg		93	(72%-120%)		
2-Butanone	250			252	ug/kg		101	(66%-125%)		
2-Hexanone	250			278	ug/kg		111	(64%-131%)		
4-Methyl-2-pentanone	250			268	ug/kg		107	(70%-126%)		
Acetone	250			257	ug/kg		103	(60%-124%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Benzene	50.0			47.8	ug/kg		96	(73%-120%)	PXY1	03/25/26 09:42
Bromochloromethane	50.0			48.7	ug/kg		97	(73%-123%)		
Bromodichloromethane	50.0			47.6	ug/kg		95	(74%-124%)		
Bromoform	50.0			47.9	ug/kg		96	(64%-126%)		
Bromomethane	50.0			48.3	ug/kg		97	(67%-138%)		
Carbon disulfide	250			271	ug/kg		109	(69%-136%)		
Carbon tetrachloride	50.0			46.4	ug/kg		93	(72%-132%)		
Chlorobenzene	50.0			47.7	ug/kg		95	(74%-120%)		
Chloroethane	50.0			49.5	ug/kg		99	(69%-133%)		
Chloroform	50.0			48.4	ug/kg		97	(72%-122%)		
Chloromethane	50.0			62.4	ug/kg		125	(53%-142%)		
Cyclohexane	50.0			53.0	ug/kg		106	(63%-130%)		
Dibromochloromethane	50.0			48.7	ug/kg		97	(73%-125%)		
Dichlorodifluoromethane	50.0			42.7	ug/kg		85	(57%-150%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Ethylbenzene	50.0			49.4	ug/kg		99	(72%-120%)	PXY1	03/25/26 09:42
Isopropylbenzene	50.0			49.1	ug/kg		98	(74%-129%)		
Methyl acetate	250			267	ug/kg		107	(66%-131%)		
Methylcyclohexane	50.0			49.8	ug/kg		100	(71%-127%)		
Methylene chloride	50.0			50.2	ug/kg		100	(71%-124%)		
Styrene	50.0			53.0	ug/kg		106	(70%-123%)		
Tetrachloroethylene	50.0			47.2	ug/kg		94	(68%-126%)		
Toluene	50.0			47.4	ug/kg		95	(73%-120%)		
Trichloroethylene	50.0			45.6	ug/kg		91	(74%-122%)		
Trichlorofluoromethane	50.0			45.1	ug/kg		90	(66%-137%)		
Vinyl chloride	50.0			59.4	ug/kg		119	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			51.3	ug/kg		103	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			47.3	ug/kg		95	(74%-123%)		
m,p-Xylenes	100			101	ug/kg		101	(72%-121%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
o-Xylene	50.0			51.0	ug/kg		102	(73%-120%)	PXY1	03/25/26 09:42
tert-Butyl methyl ether	50.0			49.5	ug/kg		99	(63%-128%)		
trans-1,2-Dichloroethylene	50.0			52.9	ug/kg		106	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			49.5	ug/kg		99	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			47.5	ug/L		95	(75%-131%)		
**Bromofluorobenzene	50.0			44.9	ug/L		90	(67%-136%)		
**Toluene-d8	50.0			47.3	ug/L		95	(79%-122%)		
QC1206418280 LCS										
1,4-Dioxane	2500			2100	ug/kg		84	(57%-134%)		03/25/26 10:38
Trichlorotrifluoroethane	250			253	ug/kg		101	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			47.0	ug/L		94	(75%-131%)		
**Bromofluorobenzene	50.0			52.0	ug/L		104	(67%-136%)		
**Toluene-d8	50.0			46.2	ug/L		92	(79%-122%)		
QC1206418279 LCSD										
1,1,1-Trichloroethane	50.0			45.1	ug/kg	3	90	(0%-20%)		03/25/26 10:10
1,1,2,2-Tetrachloroethane	50.0			49.6	ug/kg	1	99	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2967540											
1,1,2-Trichloroethane	50.0			49.2	ug/kg	2	98	(0%-20%)	PXY1	03/25/26	10:10
1,1-Dichloroethane	50.0			49.1	ug/kg	5	98	(0%-20%)			
1,1-Dichloroethylene	50.0			50.2	ug/kg	5	100	(0%-20%)			
1,2,3-Trichlorobenzene	50.0			55.0	ug/kg	6	110	(0%-20%)			
1,2,4-Trichlorobenzene	50.0			52.4	ug/kg	7	105	(0%-20%)			
1,2-Dibromo-3-chloropropane	50.0			50.5	ug/kg	7	101	(0%-20%)			
1,2-Dibromoethane	50.0			48.8	ug/kg	1	98	(0%-20%)			
1,2-Dichlorobenzene	50.0			48.9	ug/kg	2	98	(0%-20%)			
1,2-Dichloroethane	50.0			46.4	ug/kg	2	93	(0%-20%)			
1,2-Dichloropropane	50.0			48.5	ug/kg	1	97	(0%-20%)			
1,3-Dichlorobenzene	50.0			47.4	ug/kg	0	95	(0%-20%)			
1,4-Dichlorobenzene	50.0			46.5	ug/kg	0	93	(0%-20%)			
2-Butanone	250			257	ug/kg	2	103	(0%-20%)			
2-Hexanone	250			278	ug/kg	0	111	(0%-20%)			

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
4-Methyl-2-pentanone	250			275	ug/kg	3	110	(0%-20%)	PXY1	03/25/26 10:10
Acetone	250			253	ug/kg	2	101	(0%-20%)		
Benzene	50.0			46.8	ug/kg	2	94	(0%-20%)		
Bromochloromethane	50.0			47.7	ug/kg	2	95	(0%-20%)		
Bromodichloromethane	50.0			47.6	ug/kg	0	95	(0%-20%)		
Bromoform	50.0			47.9	ug/kg	0	96	(0%-20%)		
Bromomethane	50.0			46.8	ug/kg	3	94	(0%-20%)		
Carbon disulfide	250			255	ug/kg	6	102	(0%-20%)		
Carbon tetrachloride	50.0			44.5	ug/kg	4	89	(0%-20%)		
Chlorobenzene	50.0			46.9	ug/kg	2	94	(0%-20%)		
Chloroethane	50.0			47.6	ug/kg	4	95	(0%-20%)		
Chloroform	50.0			46.5	ug/kg	4	93	(0%-20%)		
Chloromethane	50.0			58.9	ug/kg	6	118	(0%-20%)		
Cyclohexane	50.0			51.2	ug/kg	4	102	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Dibromochloromethane	50.0			49.6	ug/kg	2	99	(0%-20%)	PXY1	03/25/26 10:10
Dichlorodifluoromethane	50.0			40.4	ug/kg	6	81	(0%-20%)		
Ethylbenzene	50.0			48.6	ug/kg	2	97	(0%-20%)		
Isopropylbenzene	50.0			50.1	ug/kg	2	100	(0%-20%)		
Methyl acetate	250			262	ug/kg	2	105	(0%-20%)		
Methylcyclohexane	50.0			48.6	ug/kg	2	97	(0%-20%)		
Methylene chloride	50.0			48.2	ug/kg	4	96	(0%-20%)		
Styrene	50.0			51.7	ug/kg	3	103	(0%-20%)		
Tetrachloroethylene	50.0			47.2	ug/kg	0	94	(0%-20%)		
Toluene	50.0			47.7	ug/kg	1	95	(0%-20%)		
Trichloroethylene	50.0			45.4	ug/kg	0	91	(0%-20%)		
Trichlorofluoromethane	50.0			43.3	ug/kg	4	87	(0%-20%)		
Vinyl chloride	50.0			57.2	ug/kg	4	114	(0%-20%)		
cis-1,2-Dichloroethylene	50.0			49.5	ug/kg	4	99	(0%-20%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2967540											
cis-1,3-Dichloropropylene	50.0			49.4	ug/kg	4		99	(0%-20%)	PXY1	03/25/26 10:10
m,p-Xylenes	100			99.2	ug/kg	2		99	(0%-20%)		
o-Xylene	50.0			50.5	ug/kg	1		101	(0%-20%)		
tert-Butyl methyl ether	50.0			49.4	ug/kg	0		99	(0%-20%)		
trans-1,2-Dichloroethylene	50.0			50.1	ug/kg	5		100	(0%-20%)		
trans-1,3-Dichloropropylene	50.0			50.2	ug/kg	1		100	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			47.4	ug/L			95	(75%-131%)		
**Bromofluorobenzene	50.0			45.8	ug/L			92	(67%-136%)		
**Toluene-d8	50.0			48.9	ug/L			98	(79%-122%)		
QC1206418281 LCSD											
1,4-Dioxane	2500			2610	ug/kg	22	*	104	(0%-20%)		03/25/26 11:06
Trichlorotrifluoroethane	250			244	ug/kg	3		98	(0%-20%)		
**1,2-Dichloroethane-d4	50.0			47.7	ug/L			95	(75%-131%)		
**Bromofluorobenzene	50.0			51.0	ug/L			102	(67%-136%)		
**Toluene-d8	50.0			46.1	ug/L			92	(79%-122%)		

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
QC1206418282 MB										
1,1,1-Trichloroethane			U	ND	ug/kg				PXY1	03/25/26 12:02
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					
1,1-Dichloroethane			U	ND	ug/kg					
1,1-Dichloroethylene			U	ND	ug/kg					
1,2,3-Trichlorobenzene			U	ND	ug/kg					
1,2,4-Trichlorobenzene			U	ND	ug/kg					
1,2-Dibromo-3-chloropropane			U	ND	ug/kg					
1,2-Dibromoethane			U	ND	ug/kg					
1,2-Dichlorobenzene			U	ND	ug/kg					
1,2-Dichloroethane			U	ND	ug/kg					
1,2-Dichloropropane			U	ND	ug/kg					
1,3-Dichlorobenzene			U	ND	ug/kg					
1,4-Dichlorobenzene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
1,4-Dioxane			U	ND	ug/kg				PXY1	03/25/26 12:02
2-Butanone			U	ND	ug/kg					
2-Hexanone			U	ND	ug/kg					
4-Methyl-2-pentanone			U	ND	ug/kg					
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Chloroform			U	ND	ug/kg				PXY1	03/25/26 12:02
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					
Dibromochloromethane			U	ND	ug/kg					
Dichlorodifluoromethane			U	ND	ug/kg					
Ethylbenzene			U	ND	ug/kg					
Isopropylbenzene			U	ND	ug/kg					
Methyl acetate			U	ND	ug/kg					
Methylcyclohexane			U	ND	ug/kg					
Methylene chloride			U	ND	ug/kg					
Styrene			U	ND	ug/kg					
Tetrachloroethylene			U	ND	ug/kg					
Toluene			U	ND	ug/kg					
Trichloroethylene			U	ND	ug/kg					

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2967540										
Trichlorofluoromethane			U	ND	ug/kg				PXY1	03/25/26 12:02
Trichlorotrifluoroethane			U	ND	ug/kg					
Vinyl chloride			U	ND	ug/kg					
cis-1,2-Dichloroethylene			U	ND	ug/kg					
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			50.2	ug/L		100	(75%-131%)		
**Bromofluorobenzene	50.0			43.9	ug/L		88	(67%-136%)		
**Toluene-d8	50.0			48.2	ug/L		96	(79%-122%)		

Notes:

The Qualifiers in this report are defined as follows:

U U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

QC Summary

Workorder: **768213**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

J	J	Value is estimated
B	B	The target analyte was detected in the associated blank.
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

GEL Laboratories LLC
Chemistry | Radiochemistry | Radiobioassay | Specialty Analytics
gel.com

Chain of Custody and Analytical Request

GEL Work Order Number: 768213
GEL Project Manager:

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering
Phone #
Project/Site Name: Liberty Steel VCC
Fax #
Address: Front St. Georgetown, SC
Collected By: Client (BP13)
Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Radioactive (Please supply isotopic info.)	(7) Known or possible hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL metals	Total Cr6	Dissolved TAL metals *	Dissolved Cr6 *	TCL VOCs	Cr6, TAL Metals, TCL SVOCs			<-- Preservative Type (6)
						Should this sample be considered:			HA		NI		NF						
LS-TB-031226	03-12-26	1130	TB	N	~~SO~~ DI			3	3										
LS-SW-04	↓	1140	G	Y*	SW			9	3	2	1	1	1	1					* Dissolved TAL metals + Cr6 filtered in field
LS-SW-03		1310	G	Y*	SW			9	3	2	1	1	1	1					
LS-SW-02		1340	G	Y*	SW			9	3	2	1	1	1	1					
LS-SD-02	↓	1420	G	N	SO			5							4	1			

Comments
Note: extra sample is required for sample specific QC

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	3-12-26	1645	[signature]	3/12/26	1645
2						
3						

TAT Requested: Normal: ✓ Rush: ____ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No ***Cooler Temp:*** 1 °C

> ***For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)***

Sample Collection Time Zone: [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other: _____

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B/7470A* - **1**).

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) *Are there any known or possible hazards associated with these samples?*

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Miscellaneous RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 768213	GEL PM:
Received By: EG	Date Received at GEL: 3/12/26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR5-23 Daily Calibration Performed? (Y)N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
	1				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 3/13/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 02 July 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 768213

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2967250

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213001	LS-TB-031226
768213002	LS-SW-04
768213004	LS-SW-03
768213006	LS-SW-02
1206417830	769194001(NonSDG) Matrix Spike (MS) **Batch 2967250**
1206417831	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206417832	769194001(NonSDG) Matrix Spike (MS)
1206417833	769194001(NonSDG) Matrix Spike Duplicate (MSD)
1206419148	Laboratory Control Sample (LCS)
1206419149	Laboratory Control Sample (LCS)
1206419150	Method Blank (MB)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) recoveries were not within the acceptance limits for all analytes. The unacceptable analytes were not detected in the samples associated with the laboratory control samples. Therefore, the data were reported.

Sample	Analyte	Value
1206419148 (LCS)	1, 1, 2, 2-Tetrachloroethane	133* (70%-130%)

The LCS recoveries for 1,4-Dioxane were not within the acceptance limits. The data are reported at the client’s

request.

Sample	Analyte	Value
1206419149 (LCS)	1, 4-Dioxane	60* (70%-130%)

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2967540

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14
Preparation Batch: 2967539

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206418278	Laboratory Control Sample (LCS) **Batch 2967540**
1206418279	Laboratory Control Sample Duplicate (LCSD)
1206418280	Laboratory Control Sample (LCS)
1206418281	Laboratory Control Sample Duplicate (LCSD)
1206418282	Method Blank (MB)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Laboratory Control Sample Duplicate (LCSD)
An LCS/LCSD pair were analyzed in order to demonstrate precision and accuracy.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD between the LCS/LCSD pair (See Below) were not all within the acceptance limits.

Sample	Analyte	Value
1206418280 (LCS) and 1206418281 (LCSD)	1, 4-Dioxane	RPD 22* (0%-20%)

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2962635

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2962628

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213002	LS-SW-04
768213004	LS-SW-03
768213006	LS-SW-02
1206409548	Method Blank (MB) **Batch 2962635**
1206409549	Laboratory Control Sample (LCS)
1206409550	768399001(NonSDG) Matrix Spike (MS)
1206409551	768399001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples 768213002 (LS-SW-04), 768213004 (LS-SW-03) and 768213006 (LS-SW-02) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8270 outlier acceptance criteria. If required, a CRDL was analyzed after the CCVs to demonstrate that there is adequate sensitivity to detect the failed compounds at the applicable lower quantitation limit.

Quality Control (QC) Information

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206409550MS and 1206409551MSD (Non SDG 768399001)	4-Chloroaniline	RPD 43* (0%-30%)

Miscellaneous Information

Manual Integrations
Sample (See Below) required manual integration to ensure proper identification of one or more peaks and/or correct baseline placement consistent with the calibration standard injections.

Sample	Analyte	Value
1206409551 (Non SDG 768399001MSD)	Benzo(ghi)perylene	Result 78.8ug/L

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2964568

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2964565

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206412893	Method Blank (MB) **Batch 2964568**
1206412894	Laboratory Control Sample (LCS)
1206412895	769001002(LS-SB-20-1.0) Matrix Spike (MS)
1206412896	769001002(LS-SB-20-1.0) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value

1206412894 (LCS)	Benzaldehyde	13* (21%-89%)

Spike Recovery Statement
The MS and/or MSD (See Below) spike recoveries were not within the acceptance limits. The associated MS or MSD passed recoveries, as did the LCS. It appears that the low spike recoveries were isolated to the MS or MSD only and were the result of a poor extraction.

Sample	Analyte	Value
1206412896 (LS-SB-20-1.0MSD)	Phenol	0* (16%-107%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206412896 (LS-SB-20-1.0MSD)	4-Nitrophenol	0* (14%-122%)
	Hexachlorocyclopentadiene	10* (16%-60%)

MS/MSD Relative Percent Difference (RPD) Statement
The relative percent difference (RPD) between the MS and MSD (See Below) did not meet acceptance limits. As the individual MS and MSD recoveries were within the acceptance limits, the failures had no adverse impact on the reported sample data.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	1, 1'-Biphenyl	RPD 35* (0%-30%)
	1, 2, 4, 5-Tetrachlorobenzene	RPD 37* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 36* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 34* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 36* (0%-30%)
	2, 4-Dichlorophenol	RPD 35* (0%-30%)
	2, 4-Dimethylphenol	RPD 32* (0%-30%)
	2, 4-Dinitrotoluene	RPD 40* (0%-30%)
	2, 6-Dinitrotoluene	RPD 39* (0%-30%)
	2-Chloronaphthalene	RPD 36* (0%-30%)
	2-Chlorophenol	RPD 32* (0%-30%)

	2-Methyl-4, 6-dinitrophenol	RPD 59* (0%-30%)
	2-Methylnaphthalene	RPD 35* (0%-30%)
	2-Nitrophenol	RPD 40* (0%-30%)
	4-Bromophenylphenylether, 4-Chloro-3-methylphenol, 4-Chlorophenylphenylether	RPD 35* (0%-30%)
	Acenaphthene	RPD 36* (0%-30%)
	Acenaphthylene	RPD 35* (0%-30%)
	Acetophenone	RPD 33* (0%-30%)
	Anthracene	RPD 34* (0%-30%)
	Atrazine, Benzaldehyde	RPD 43* (0%-30%)
	Benzo(a)anthracene, Benzo(a)pyrene	RPD 32* (0%-30%)
	Benzo(b)fluoranthene	RPD 34* (0%-30%)
	Benzo(ghi)perylene, Benzo(k)fluoranthene	RPD 31* (0%-30%)
	Butylbenzylphthalate	RPD 35* (0%-30%)
	Carbazole	RPD 34* (0%-30%)
	Chrysene	RPD 33* (0%-30%)
	Di-n-butylphthalate	RPD 32* (0%-30%)
	Di-n-octylphthalate	RPD 35* (0%-30%)
	Dibenzofuran	RPD 36* (0%-30%)
	Diethylphthalate, Dimethylphthalate	RPD 35* (0%-30%)
	Diphenylamine	RPD 33* (0%-30%)
	Fluoranthene	RPD 32* (0%-30%)
	Fluorene	RPD 33* (0%-30%)
	Hexachlorobenzene	RPD 34* (0%-30%)

	Hexachlorobutadiene	RPD 40* (0%-30%)
	Hexachloroethane	RPD 39* (0%-30%)
	Indeno(1, 2, 3-cd)pyrene	RPD 31* (0%-30%)
	Isophorone	RPD 39* (0%-30%)
	N-Nitrosodipropylamine	RPD 35* (0%-30%)
	Naphthalene	RPD 36* (0%-30%)
	Nitrobenzene	RPD 37* (0%-30%)
	Phenanthrene, Pyrene	RPD 33* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 36* (0%-30%)
	bis(2-Chloroethoxy)methane	RPD 37* (0%-30%)
	bis(2-Chloroethyl) ether	RPD 32* (0%-30%)
	bis(2-Ethylhexyl)phthalate	RPD 34* (0%-30%)
	m, p-Cresols	RPD 32* (0%-30%)
	o-Cresol	RPD 34* (0%-30%)
	o-Nitroaniline	RPD 39* (0%-30%)
	p-Nitroaniline	RPD 34* (0%-30%)

The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair. The failures may be attributed to an error in the extraction process.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	Phenol	RPD 200* (0%-30%)

The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206412895MS and 1206412896MSD (LS-SB-20-1.0)	4-Nitrophenol	RPD 200* (0%-30%)
	Hexachlorocyclopentadiene	RPD 85* (0%-30%)

Technical Information

Sample Re-extraction/Re-analysis
Sample 768213008 (LS-SD-02) was re-extracted within holding due to the initial extraction being biphasic and had no surrogate recovery. The passing re-extraction data were reported.

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2961123

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2961122

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213002	LS-SW-04
768213003	LS-SW-04 Field Filtered
768213004	LS-SW-03
768213005	LS-SW-03 Field Filtered
768213006	LS-SW-02
768213007	LS-SW-02 Field Filtered
1206406705	Method Blank (MB)**ICP Batch 2961123**
1206406706	Laboratory Control Sample (LCS)
1206406710	768213002(LS-SW-04L) Serial Dilution (SD)
1206406707	768213002(LS-SW-04S) Matrix Spike (MS)
1206406708	768213002(LS-SW-04SD) Matrix Spike Duplicate (MSD)
1206406709	768213002(LS-SW-04PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206406707 (LS-SW-04MS)	Iron	21.8* (75%-125%)
1206406708 (LS-SW-04MSD)	Iron	-24.2* (75%-125%)

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2961125

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2961124

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206406711	Method Blank (MB)**ICP Batch 2961125**
1206406712	Laboratory Control Sample (LCS)
1206406716	768213008(LS-SD-02L) Serial Dilution (SD)
1206406713	768213008(LS-SD-02S) Matrix Spike (MS)
1206406714	768213008(LS-SD-02SD) Matrix Spike Duplicate (MSD)
1206406715	768213008(LS-SD-02PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is

less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analytes. The post spike recoveries were within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recoveries may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206406713 (LS-SD-02MS)	Aluminum	219* (75%-125%)
	Potassium	67.7* (75%-125%)
	Vanadium	138* (75%-125%)
1206406714 (LS-SD-02MSD)	Aluminum	223* (75%-125%)
	Selenium	132* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206406713MS and 1206406714MSD (LS-SD-02)	Selenium	RPD 27.4* (0%-20%)

Technical Information

Preparation/Analytical Method Verification
Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Sample was diluted in order to bring raw values of iron within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 768213008 (LS-SD-02).

Analyte	768213 008
Aluminum	20X
Antimony	20X
Arsenic	20X
Barium	20X
Beryllium	20X
Cadmium	20X
Calcium	20X
Chromium	20X
Cobalt	20X
Copper	20X
Iron	20X
Lead	20X
Magnesium	20X

Manganese	20X
Nickel	20X
Potassium	20X
Selenium	20X
Silver	20X
Sodium	20X
Thallium	20X
Vanadium	20X
Zinc	20X

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2961183

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2961182

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206406813	Method Blank (MB)**CVAA Batch 2961183**
1206406814	Laboratory Control Sample (LCS)
1206406815	768148001(NonSDGD) Sample Duplicate (DUP)
1206406816	768148001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2961233

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2961228

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification

768213002	LS-SW-04
768213003	LS-SW-04 Field Filtered
768213004	LS-SW-03
768213005	LS-SW-03 Field Filtered
768213006	LS-SW-02
768213007	LS-SW-02 Field Filtered
1206406971	Method Blank (MB)**CVAA Batch 2961233**
1206406972	Laboratory Control Sample (LCS)
1206406973	766701001(NonSDGD) Sample Duplicate (DUP)
1206406974	766701001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2960871

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213002	LS-SW-04
768213003	LS-SW-04 Field Filtered
768213004	LS-SW-03
768213005	LS-SW-03 Field Filtered
768213006	LS-SW-02
768213007	LS-SW-02 Field Filtered
1206406203	Method Blank (MB) **Batch 2960871**
1206406204	Laboratory Control Sample (LCS)
1206406205	768011002(NonSDG) Sample Duplicate (DUP)
1206406206	768011002(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2962940

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2962939

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206410018	Method Blank (MB) **Batch 2962940**
1206410019	Laboratory Control Sample (LCS)
1206410022	767984004(LS-SB-42-3.0) Sample Duplicate (DUP)
1206410023	767984004(LS-SB-42-3.0) Matrix Spike (MS)
1206410024	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**
Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2960994

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
768213008	LS-SD-02
1206406421	768177002(NonSDG) Sample Duplicate (DUP) **Batch 2960994**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

April 30, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 769625

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 24, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 769625 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 769625 GEL Work Order: 769625

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

B The target analyte was detected in the associated blank.

E Concentration of the target analyte exceeds the instrument calibration range

J Value is estimated

P Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.

Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.

Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01	Project:	RVDE00226C
Sample ID:	769625001	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 08:35		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1034	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		711	68.0	200	ug/L	1.00	1	HS2	03/26/26	1145	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		52.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	J	1.06	1.00	5.00	ug/L	1.00	1					
Calcium		17100	50.0	200	ug/L	1.00	1					
Chromium		14.7	1.00	10.0	ug/L	1.00	1					
Cobalt	J	1.36	1.00	5.00	ug/L	1.00	1					
Copper		194	3.00	20.0	ug/L	1.00	1					
Iron		4910	30.0	100	ug/L	1.00	1					
Lead		22.2	3.30	20.0	ug/L	1.00	1					
Magnesium		2990	110	300	ug/L	1.00	1					
Manganese		232	2.00	10.0	ug/L	1.00	1					
Nickel		8.83	1.50	5.00	ug/L	1.00	1					
Potassium		3240	50.0	250	ug/L	1.00	1					
Selenium	J	18.8	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		1760	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	4.87	1.00	5.00	ug/L	1.00	1					
Zinc		2710	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.86	9.53	ug/L	0.000953	1	NM1	03/26/26	1748	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.86	9.53	ug/L	0.000953	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4,5-Trichlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4,6-Trichlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4-Dichlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4-Dimethylphenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2,4-Dinitrophenol	U	ND	4.76	19.1	ug/L	0.000953	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01	Project:	RVDE00226C
Sample ID:	769625001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.86	9.53	ug/L	0.000953	1					
2,6-Dinitrotoluene	U	ND	2.86	9.53	ug/L	0.000953	1					
2-Chloronaphthalene	U	ND	0.391	0.953	ug/L	0.000953	1					
2-Chlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
2-Methylnaphthalene	U	ND	0.286	0.953	ug/L	0.000953	1					
2-Nitrophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
3,3'-Dichlorobenzidine	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Bromophenylphenylether	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Chloro-3-methylphenol	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Chloroaniline	U	ND	3.14	9.53	ug/L	0.000953	1					
4-Chlorophenylphenylether	U	ND	2.86	9.53	ug/L	0.000953	1					
4-Nitrophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
Acenaphthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Acenaphthylene	U	ND	0.286	0.953	ug/L	0.000953	1					
Acetophenone	U	ND	2.86	9.53	ug/L	0.000953	1					
Anthracene	U	ND	0.286	0.953	ug/L	0.000953	1					
Atrazine	U	ND	2.86	9.53	ug/L	0.000953	1					
Benzaldehyde	U	ND	2.86	9.53	ug/L	0.000953	1					
Benzo(a)anthracene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(a)pyrene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(b)fluoranthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(ghi)perylene	U	ND	0.286	0.953	ug/L	0.000953	1					
Benzo(k)fluoranthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Butylbenzylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Carbazole	U	ND	0.286	0.953	ug/L	0.000953	1					
Chrysene	U	ND	0.286	0.953	ug/L	0.000953	1					
Di-n-butylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Di-n-octylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Dibenzo(a,h)anthracene	U	ND	0.286	0.953	ug/L	0.000953	1					
Dibenzofuran	U	ND	2.86	9.53	ug/L	0.000953	1					
Diethylphthalate	J	0.505	0.286	0.953	ug/L	0.000953	1					
Dimethylphthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
Diphenylamine	U	ND	2.86	9.53	ug/L	0.000953	1					
Fluoranthene	U	ND	0.286	0.953	ug/L	0.000953	1					
Fluorene	U	ND	0.286	0.953	ug/L	0.000953	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-01 Project: RVDE00226C
Sample ID: 769625001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.86	9.53	ug/L	0.000953	1					
Hexachlorobutadiene	U	ND	2.86	9.53	ug/L	0.000953	1					
Hexachlorocyclopentadiene	U	ND	2.86	9.53	ug/L	0.000953	1					
Hexachloroethane	U	ND	2.86	9.53	ug/L	0.000953	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.286	0.953	ug/L	0.000953	1					
Isophorone	U	ND	3.33	9.53	ug/L	0.000953	1					
N-Nitrosodipropylamine	U	ND	2.86	9.53	ug/L	0.000953	1					
Naphthalene	U	ND	0.286	0.953	ug/L	0.000953	1					
Nitrobenzene	U	ND	2.86	9.53	ug/L	0.000953	1					
Pentachlorophenol	U	ND	2.86	9.53	ug/L	0.000953	1					
Phenanthrene	U	ND	0.286	0.953	ug/L	0.000953	1					
Phenol	U	ND	2.86	9.53	ug/L	0.000953	1					
Pyrene	U	ND	0.286	0.953	ug/L	0.000953	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.86	9.53	ug/L	0.000953	1					
bis(2-Chloroethoxy)methane	U	ND	2.86	9.53	ug/L	0.000953	1					
bis(2-Chloroethyl) ether	U	ND	2.86	9.53	ug/L	0.000953	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.286	0.953	ug/L	0.000953	1					
m,p-Cresols	U	ND	3.53	9.53	ug/L	0.000953	1					
m-Nitroaniline	U	ND	2.86	9.53	ug/L	0.000953	1					
o-Cresol	U	ND	2.86	9.53	ug/L	0.000953	1					
o-Nitroaniline	U	ND	2.86	9.53	ug/L	0.000953	1					
p-Nitroaniline	U	ND	2.86	9.53	ug/L	0.000953	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1710	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-01 Project: RVDE00226C
Sample ID: 769625001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		69.2	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.730	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-01 Project: RVDE00226C
Sample ID: 769625001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	27.1 ug/L	47.6	57	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	25.1 ug/L	47.6	53	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	20.8 ug/L	47.6	44	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	58.3 ug/L	95.3	61	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	19.7 ug/L	95.3	21	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	27.7 ug/L	95.3	29	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.7 ug/L	50.0	105	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.8 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01	Project:	RVDE00226C
Sample ID:	769625001	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	769625002	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 08:35		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1035	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1157	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		33.7	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		15200	50.0	200	ug/L	1.00	1					
Chromium	J	2.01	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper		99.5	3.00	20.0	ug/L	1.00	1					
Iron	J	44.9	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		2130	110	300	ug/L	1.00	1					
Manganese		80.2	2.00	10.0	ug/L	1.00	1					
Nickel	J	3.47	1.50	5.00	ug/L	1.00	1					
Potassium		3090	50.0	250	ug/L	1.00	1					
Selenium	J	20.3	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		1680	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc		1550	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-01 Field Filtered	Project:	RVDE00226C
Sample ID:	769625002	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05	Project:	RVDE00226C
Sample ID:	769625003	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 09:12		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1037	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1130	68.0	200	ug/L	1.00	1	HS2	03/26/26	1201	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	6.91	5.00	30.0	ug/L	1.00	1					
Barium		16.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		33800	50.0	200	ug/L	1.00	1					
Chromium		89.4	1.00	10.0	ug/L	1.00	1					
Cobalt		7.62	1.00	5.00	ug/L	1.00	1					
Copper		338	3.00	20.0	ug/L	1.00	1					
Iron		133000	30.0	100	ug/L	1.00	1					
Lead	J	18.8	3.30	20.0	ug/L	1.00	1					
Magnesium		15600	110	300	ug/L	1.00	1					
Manganese		1090	2.00	10.0	ug/L	1.00	1					
Nickel		88.8	1.50	5.00	ug/L	1.00	1					
Potassium		6860	50.0	250	ug/L	1.00	1					
Selenium		30.8	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		12400	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		28.6	1.00	5.00	ug/L	1.00	1					
Zinc		252	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.57	ug/L	0.000957	1	NM1	03/26/26	1812	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dimethylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dinitrophenol	U	ND	4.78	19.1	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,6-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Chloronaphthalene	U	ND	0.392	0.957	ug/L	0.000957	1					
2-Chlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methylnaphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
2-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Bromophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloroaniline	U	ND	3.16	9.57	ug/L	0.000957	1					
4-Chlorophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Acenaphthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acenaphthylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acetophenone	U	ND	2.87	9.57	ug/L	0.000957	1					
Anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Atrazine	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzaldehyde	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzo(a)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(a)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(b)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(ghi)perylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(k)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Butylbenzylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Carbazole	U	ND	0.287	0.957	ug/L	0.000957	1					
Chrysene	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-butylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-octylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzofuran	U	ND	2.87	9.57	ug/L	0.000957	1					
Diethylphthalate	J	0.383	0.287	0.957	ug/L	0.000957	1					
Dimethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Diphenylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Fluorene	U	ND	0.287	0.957	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorobutadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachloroethane	U	ND	2.87	9.57	ug/L	0.000957	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Isophorone	U	ND	3.35	9.57	ug/L	0.000957	1					
N-Nitrosodipropylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Naphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
Nitrobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Pentachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Phenanthrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Phenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
m,p-Cresols	U	ND	3.54	9.57	ug/L	0.000957	1					
m-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Cresol	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
p-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1736	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		35.8	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.680	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-05 Project: RVDE00226C
Sample ID: 769625003 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.1 ug/L	47.8	61	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	27.9 ug/L	47.8	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	14.6 ug/L	47.8	30	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	64.8 ug/L	95.7	68	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	20.9 ug/L	95.7	22	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	29.9 ug/L	95.7	31	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	51.0 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	52.4 ug/L	50.0	105	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.2 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05	Project:	RVDE00226C
Sample ID:	769625003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05 Field Filtered	Project:	RVDE00226C
Sample ID:	769625004	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 09:12		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1038	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1209	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium	J	4.07	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		22400	50.0	200	ug/L	1.00	1					
Chromium	J	2.85	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper		22.6	3.00	20.0	ug/L	1.00	1					
Iron	J	39.2	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		10400	110	300	ug/L	1.00	1					
Manganese	J	7.71	2.00	10.0	ug/L	1.00	1					
Nickel	J	2.50	1.50	5.00	ug/L	1.00	1					
Potassium		7050	50.0	250	ug/L	1.00	1					
Selenium	J	20.8	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		11900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	4.54	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-05 Field Filtered	Project:	RVDE00226C
Sample ID:	769625004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13	Project:	RVDE00226C
Sample ID:	769625005	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 10:55		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1040	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		12600	68.0	200	ug/L	1.00	1	HS2	03/26/26	1212	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	7.20	5.00	30.0	ug/L	1.00	1					
Barium		58.3	1.00	5.00	ug/L	1.00	1					
Beryllium	J	1.69	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		9420	50.0	200	ug/L	1.00	1					
Chromium		26.3	1.00	10.0	ug/L	1.00	1					
Cobalt	J	4.67	1.00	5.00	ug/L	1.00	1					
Copper	J	6.12	3.00	20.0	ug/L	1.00	1					
Iron		15300	30.0	100	ug/L	1.00	1					
Lead	J	10.2	3.30	20.0	ug/L	1.00	1					
Magnesium		2750	110	300	ug/L	1.00	1					
Manganese		116	2.00	10.0	ug/L	1.00	1					
Nickel		8.77	1.50	5.00	ug/L	1.00	1					
Potassium		3220	50.0	250	ug/L	1.00	1					
Selenium	J	6.42	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		27800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		29.4	1.00	5.00	ug/L	1.00	1					
Zinc		66.9	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.89	9.65	ug/L	0.000965	1	NM1	03/26/26	1835	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.89	9.65	ug/L	0.000965	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4,5-Trichlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4,6-Trichlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dichlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dimethylphenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2,4-Dinitrophenol	U	ND	4.82	19.3	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.89	9.65	ug/L	0.000965	1					
2,6-Dinitrotoluene	U	ND	2.89	9.65	ug/L	0.000965	1					
2-Chloronaphthalene	U	ND	0.396	0.965	ug/L	0.000965	1					
2-Chlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
2-Methylnaphthalene	U	ND	0.289	0.965	ug/L	0.000965	1					
2-Nitrophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
3,3'-Dichlorobenzidine	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Bromophenylphenylether	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Chloro-3-methylphenol	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Chloroaniline	U	ND	3.18	9.65	ug/L	0.000965	1					
4-Chlorophenylphenylether	U	ND	2.89	9.65	ug/L	0.000965	1					
4-Nitrophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
Acenaphthene		1.35	0.289	0.965	ug/L	0.000965	1					
Acenaphthylene	U	ND	0.289	0.965	ug/L	0.000965	1					
Acetophenone	U	ND	2.89	9.65	ug/L	0.000965	1					
Anthracene	U	ND	0.289	0.965	ug/L	0.000965	1					
Atrazine	U	ND	2.89	9.65	ug/L	0.000965	1					
Benzaldehyde	U	ND	2.89	9.65	ug/L	0.000965	1					
Benzo(a)anthracene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(a)pyrene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(b)fluoranthene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(ghi)perylene	U	ND	0.289	0.965	ug/L	0.000965	1					
Benzo(k)fluoranthene	U	ND	0.289	0.965	ug/L	0.000965	1					
Butylbenzylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Carbazole	U	ND	0.289	0.965	ug/L	0.000965	1					
Chrysene	U	ND	0.289	0.965	ug/L	0.000965	1					
Di-n-butylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Di-n-octylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Dibenzo(a,h)anthracene	U	ND	0.289	0.965	ug/L	0.000965	1					
Dibenzofuran	U	ND	2.89	9.65	ug/L	0.000965	1					
Diethylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Dimethylphthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
Diphenylamine	U	ND	2.89	9.65	ug/L	0.000965	1					
Fluoranthene	U	ND	0.289	0.965	ug/L	0.000965	1					
Fluorene	J	0.685	0.289	0.965	ug/L	0.000965	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.89	9.65	ug/L	0.000965	1					
Hexachlorobutadiene	U	ND	2.89	9.65	ug/L	0.000965	1					
Hexachlorocyclopentadiene	U	ND	2.89	9.65	ug/L	0.000965	1					
Hexachloroethane	U	ND	2.89	9.65	ug/L	0.000965	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.289	0.965	ug/L	0.000965	1					
Isophorone	U	ND	3.38	9.65	ug/L	0.000965	1					
N-Nitrosodipropylamine	U	ND	2.89	9.65	ug/L	0.000965	1					
Naphthalene	U	ND	0.289	0.965	ug/L	0.000965	1					
Nitrobenzene	U	ND	2.89	9.65	ug/L	0.000965	1					
Pentachlorophenol	U	ND	2.89	9.65	ug/L	0.000965	1					
Phenanthrene	U	ND	0.289	0.965	ug/L	0.000965	1					
Phenol	U	ND	2.89	9.65	ug/L	0.000965	1					
Pyrene	U	ND	0.289	0.965	ug/L	0.000965	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Chloroethoxy)methane	U	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Chloroethyl) ether	U	ND	2.89	9.65	ug/L	0.000965	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.289	0.965	ug/L	0.000965	1					
m,p-Cresols	U	ND	3.57	9.65	ug/L	0.000965	1					
m-Nitroaniline	U	ND	2.89	9.65	ug/L	0.000965	1					
o-Cresol	U	ND	2.89	9.65	ug/L	0.000965	1					
o-Nitroaniline	U	ND	2.89	9.65	ug/L	0.000965	1					
p-Nitroaniline	U	ND	2.89	9.65	ug/L	0.000965	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1801	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	J	0.590	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		11.9	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.730	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-13 Project: RVDE00226C
Sample ID: 769625005 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	J	0.790	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	20.4 ug/L	48.2	42	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	16.0 ug/L	48.2	33	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	9.42 ug/L	48.2	20	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	44.1 ug/L	96.5	46	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	14.6 ug/L	96.5	15	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	19.5 ug/L	96.5	20	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	53.3 ug/L	50.0	107	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	56.1 ug/L	50.0	112	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.8 ug/L	50.0	106	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13	Project:	RVDE00226C
Sample ID:	769625005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13 Field Filtered	Project:	RVDE00226C
Sample ID:	769625006	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 10:55		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1045	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1214	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		24.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		7720	50.0	200	ug/L	1.00	1					
Chromium	J	1.40	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		377	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		1260	110	300	ug/L	1.00	1					
Manganese		37.4	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		2520	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		26100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.14	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.93	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-13 Field Filtered	Project:	RVDE00226C
Sample ID:	769625006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02	Project:	RVDE00226C
Sample ID:	769625007	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 12:18		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	04/06/26	1522	2971830	1
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1047	2967072	2
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		1200	68.0	200	ug/L	1.00	1	HS2	03/26/26	1217	2967014	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		56.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		62000	50.0	200	ug/L	1.00	1					
Chromium	J	4.80	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		15200	30.0	100	ug/L	1.00	1					
Lead	J	5.69	3.30	20.0	ug/L	1.00	1					
Magnesium		6970	110	300	ug/L	1.00	1					
Manganese		147	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.92	1.50	5.00	ug/L	1.00	1					
Potassium		2600	50.0	250	ug/L	1.00	1					
Selenium	J	24.1	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8560	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.45	1.00	5.00	ug/L	1.00	1					
Zinc	J	10.6	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.88	9.61	ug/L	0.000961	1	NM1	03/26/26	1859	2967841	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.88	9.61	ug/L	0.000961	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4,5-Trichlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4,6-Trichlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4-Dichlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4-Dimethylphenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2,4-Dinitrophenol	U	ND	4.81	19.2	ug/L	0.000961	1					
2,4-Dinitrotoluene	U	ND	2.88	9.61	ug/L	0.000961	1					
2,6-Dinitrotoluene	U	ND	2.88	9.61	ug/L	0.000961	1					
2-Chloronaphthalene	U	ND	0.394	0.961	ug/L	0.000961	1					
2-Chlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
2-Methylnaphthalene	U	ND	0.288	0.961	ug/L	0.000961	1					
2-Nitrophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
3,3'-Dichlorobenzidine	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Bromophenylphenylether	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Chloro-3-methylphenol	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Chloroaniline	U	ND	3.17	9.61	ug/L	0.000961	1					
4-Chlorophenylphenylether	U	ND	2.88	9.61	ug/L	0.000961	1					
4-Nitrophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
Acenaphthene	J	0.606	0.288	0.961	ug/L	0.000961	1					
Acenaphthylene	U	ND	0.288	0.961	ug/L	0.000961	1					
Acetophenone	U	ND	2.88	9.61	ug/L	0.000961	1					
Anthracene	U	ND	0.288	0.961	ug/L	0.000961	1					
Atrazine	U	ND	2.88	9.61	ug/L	0.000961	1					
Benzaldehyde	U	ND	2.88	9.61	ug/L	0.000961	1					
Benzo(a)anthracene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(a)pyrene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(b)fluoranthene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(ghi)perylene	U	ND	0.288	0.961	ug/L	0.000961	1					
Benzo(k)fluoranthene	U	ND	0.288	0.961	ug/L	0.000961	1					
Butylbenzylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Carbazole	U	ND	0.288	0.961	ug/L	0.000961	1					
Chrysene	U	ND	0.288	0.961	ug/L	0.000961	1					
Di-n-butylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Di-n-octylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Dibenzo(a,h)anthracene	U	ND	0.288	0.961	ug/L	0.000961	1					
Dibenzofuran	U	ND	2.88	9.61	ug/L	0.000961	1					
Diethylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Dimethylphthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
Diphenylamine	U	ND	2.88	9.61	ug/L	0.000961	1					
Fluoranthene	U	ND	0.288	0.961	ug/L	0.000961	1					
Fluorene	U	ND	0.288	0.961	ug/L	0.000961	1					
Hexachlorobenzene	U	ND	2.88	9.61	ug/L	0.000961	1					
Hexachlorobutadiene	U	ND	2.88	9.61	ug/L	0.000961	1					
Hexachlorocyclopentadiene	U	ND	2.88	9.61	ug/L	0.000961	1					
Hexachloroethane	U	ND	2.88	9.61	ug/L	0.000961	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.288	0.961	ug/L	0.000961	1					
Isophorone	U	ND	3.36	9.61	ug/L	0.000961	1					
N-Nitrosodipropylamine	U	ND	2.88	9.61	ug/L	0.000961	1					
Naphthalene	U	ND	0.288	0.961	ug/L	0.000961	1					
Nitrobenzene	U	ND	2.88	9.61	ug/L	0.000961	1					
Pentachlorophenol	U	ND	2.88	9.61	ug/L	0.000961	1					
Phenanthrene	U	ND	0.288	0.961	ug/L	0.000961	1					
Phenol	U	ND	2.88	9.61	ug/L	0.000961	1					
Pyrene	U	ND	0.288	0.961	ug/L	0.000961	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.88	9.61	ug/L	0.000961	1					
bis(2-Chloroethoxy)methane	U	ND	2.88	9.61	ug/L	0.000961	1					
bis(2-Chloroethyl) ether	U	ND	2.88	9.61	ug/L	0.000961	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.288	0.961	ug/L	0.000961	1					
m,p-Cresols	U	ND	3.56	9.61	ug/L	0.000961	1					
m-Nitroaniline	U	ND	2.88	9.61	ug/L	0.000961	1					
o-Cresol	U	ND	2.88	9.61	ug/L	0.000961	1					
o-Nitroaniline	U	ND	2.88	9.61	ug/L	0.000961	1					
p-Nitroaniline	U	ND	2.88	9.61	ug/L	0.000961	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0320	0.0960	ug/L	0.000960	1	NS2	03/31/26	2108	2969573	5
Aroclor-1221	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1232	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1242	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1248	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1254	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1260	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Aroclor-1262	U	ND	0.0320	0.0960	ug/L	0.000960	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1268	U	ND	0.0320	0.0960	ug/L	0.000960	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00961	0.0385	ug/L	0.00481	1	LOF	03/26/26	2142	2966985	6
4,4'-DDE	U	ND	0.00961	0.0385	ug/L	0.00481	1					
4,4'-DDT	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Aldrin	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Dieldrin	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endosulfan I	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Endosulfan II	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endosulfan sulfate	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endrin	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Endrin aldehyde	U	ND	0.00639	0.0385	ug/L	0.00481	1					
Endrin ketone	U	ND	0.00961	0.0385	ug/L	0.00481	1					
Heptachlor	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Heptachlor epoxide	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Methoxychlor	U	ND	0.0481	0.192	ug/L	0.00481	1					
Toxaphene	U	ND	0.144	0.481	ug/L	0.00481	1					
alpha-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
beta-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
cis-Chlordane	U	ND	0.00639	0.0192	ug/L	0.00481	1					
delta-BHC	U	ND	0.00639	0.0192	ug/L	0.00481	1					
gamma-BHC (Lindane)	U	ND	0.00639	0.0192	ug/L	0.00481	1					
trans-Chlordane	U	ND	0.00639	0.0192	ug/L	0.00481	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	8
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1826	2971014	9
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.680	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02
Sample ID: 769625007
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3535A	SW3535A PCB SPE Extraction	DG3	03/27/26	0655	2968576
SW846 3535A	SW3535A Pesticides SPE Extraction	TH1	03/30/26	1143	2969281
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	03/31/26	0552	2969572
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	03/26/26	0547	2967295
SW846 3535A	SW3535A Pesticides SPE Extraction	AE2	03/25/26	1319	2966984
SW846 9010C Distillation	SW846 9010C Prep	CH9	04/06/26	1337	2971825

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-02 Project: RVDE00226C
Sample ID: 769625007 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 3535A/8082A	
6	SW846 3535A/8081B	
7	SW846 3535A/8081B	
8	SW846 7196A	
9	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.9 ug/L	48.1	62	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	28.1 ug/L	48.1	58	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	23.2 ug/L	48.1	48	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	64.7 ug/L	96.1	67	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	20.0 ug/L	96.1	21	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	26.7 ug/L	96.1	28	(15%-72%)
4cmx	SW846 3535A/8082A TCL PCB, Liquid "As Received"	0.153 ug/L	0.192	80	(28%-114%)
Decachlorobiphenyl	SW846 3535A/8082A TCL PCB, Liquid "As Received"	0.0877 ug/L	0.192	46	(30%-135%)
Decachlorobiphenyl	SW846 3535A/8081B TCL Pesticide, Liquid "As Received"	0.101 ug/L	0.961	10*	(43%-140%)
4cmx	SW846 3535A/8081B TCL Pesticide, Liquid "As Received"	0.516 ug/L	0.961	54	(29%-119%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	53.9 ug/L	50.0	108	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	49.8 ug/L	50.0	100	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02	Project:	RVDE00226C
Sample ID:	769625007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	769625008	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 12:18		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1048	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1220	2967014	2
Antimony	J	4.12	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		57.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		63000	50.0	200	ug/L	1.00	1					
Chromium	J	3.30	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		15000	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		6940	110	300	ug/L	1.00	1					
Manganese		155	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		2640	50.0	250	ug/L	1.00	1					
Selenium		34.2	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8750	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.69	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-02 Field Filtered	Project:	RVDE00226C
Sample ID:	769625008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10	Project:	RVDE00226C
Sample ID:	769625009	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 14:00		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1050	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		7700	68.0	200	ug/L	1.00	1	HS2	03/26/26	1222	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	5.20	5.00	30.0	ug/L	1.00	1					
Barium		99.2	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		37400	50.0	200	ug/L	1.00	1					
Chromium		19.6	1.00	10.0	ug/L	1.00	1					
Cobalt		8.95	1.00	5.00	ug/L	1.00	1					
Copper	J	4.96	3.00	20.0	ug/L	1.00	1					
Iron		30800	30.0	100	ug/L	1.00	1					
Lead	J	6.77	3.30	20.0	ug/L	1.00	1					
Magnesium		7230	110	300	ug/L	1.00	1					
Manganese		243	2.00	10.0	ug/L	1.00	1					
Nickel		6.46	1.50	5.00	ug/L	1.00	1					
Potassium		3710	50.0	250	ug/L	1.00	1					
Selenium	J	21.3	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		19000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		22.1	1.00	5.00	ug/L	1.00	1					
Zinc		53.4	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.57	ug/L	0.000957	1	NM1	03/26/26	1922	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dichlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dimethylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2,4-Dinitrophenol	U	ND	4.78	19.1	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 Project: RVDE00226C
Sample ID: 769625009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2,6-Dinitrotoluene	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Chloronaphthalene	U	ND	0.392	0.957	ug/L	0.000957	1					
2-Chlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
2-Methylnaphthalene		53.4	0.287	0.957	ug/L	0.000957	1					
2-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Bromophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Chloroaniline	U	ND	3.16	9.57	ug/L	0.000957	1					
4-Chlorophenylphenylether	U	ND	2.87	9.57	ug/L	0.000957	1					
4-Nitrophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Acenaphthene		11.2	0.287	0.957	ug/L	0.000957	1					
Acenaphthylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Acetophenone	U	ND	2.87	9.57	ug/L	0.000957	1					
Anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Atrazine	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzaldehyde	U	ND	2.87	9.57	ug/L	0.000957	1					
Benzo(a)anthracene	J	0.450	0.287	0.957	ug/L	0.000957	1					
Benzo(a)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(b)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(ghi)perylene	U	ND	0.287	0.957	ug/L	0.000957	1					
Benzo(k)fluoranthene	U	ND	0.287	0.957	ug/L	0.000957	1					
Butylbenzylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Carbazole	U	ND	0.287	0.957	ug/L	0.000957	1					
Chrysene	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-butylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Di-n-octylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.957	ug/L	0.000957	1					
Dibenzofuran	U	ND	2.87	9.57	ug/L	0.000957	1					
Diethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Dimethylphthalate	U	ND	0.287	0.957	ug/L	0.000957	1					
Diphenylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Fluoranthene		1.47	0.287	0.957	ug/L	0.000957	1					
Fluorene		15.2	0.287	0.957	ug/L	0.000957	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 Project: RVDE00226C
Sample ID: 769625009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorobutadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.57	ug/L	0.000957	1					
Hexachloroethane	U	ND	2.87	9.57	ug/L	0.000957	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.957	ug/L	0.000957	1					
Isophorone	U	ND	3.35	9.57	ug/L	0.000957	1					
N-Nitrosodipropylamine	U	ND	2.87	9.57	ug/L	0.000957	1					
Naphthalene	U	ND	0.287	0.957	ug/L	0.000957	1					
Nitrobenzene	U	ND	2.87	9.57	ug/L	0.000957	1					
Pentachlorophenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Phenanthrene		28.7	0.287	0.957	ug/L	0.000957	1					
Phenol	U	ND	2.87	9.57	ug/L	0.000957	1					
Pyrene		1.70	0.287	0.957	ug/L	0.000957	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.57	ug/L	0.000957	1					
bis(2-Ethylhexyl)phthalate	J	0.430	0.287	0.957	ug/L	0.000957	1					
m,p-Cresols	J	5.23	3.54	9.57	ug/L	0.000957	1					
m-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Cresol	U	ND	2.87	9.57	ug/L	0.000957	1					
o-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
p-Nitroaniline	U	ND	2.87	9.57	ug/L	0.000957	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1852	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10
Sample ID: 769625009
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	2.81	1.74	5.00	ug/L		1					
Benzene		1.19	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene		2.07	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane		2.68	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene		8.86	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane		3.77	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.710	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 Project: RVDE00226C
Sample ID: 769625009 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	26.5 ug/L	47.8	55	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	20.8 ug/L	47.8	43	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.3 ug/L	47.8	24	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	49.1 ug/L	95.7	51	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	15.4 ug/L	95.7	16	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	20.6 ug/L	95.7	22	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.0 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	54.0 ug/L	50.0	108	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	52.1 ug/L	50.0	104	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10	Project:	RVDE00226C
Sample ID:	769625009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 Field Filtered	Project:	RVDE00226C
Sample ID:	769625010	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 14:00		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1052	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1224	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	J	6.47	5.00	30.0	ug/L	1.00	1					
Barium		71.9	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		38400	50.0	200	ug/L	1.00	1					
Chromium	J	2.44	1.00	10.0	ug/L	1.00	1					
Cobalt	J	3.62	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		25200	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		6830	110	300	ug/L	1.00	1					
Manganese		187	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3020	50.0	250	ug/L	1.00	1					
Selenium	J	26.2	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	15.8	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 Field Filtered	Project:	RVDE00226C
Sample ID:	769625010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Matrix: Surface Water
Collect Date: 24-MAR-26 14:10
Receive Date: 24-MAR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1053	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum		5610	68.0	200	ug/L	1.00	1	HS2	03/26/26	1227	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		90.3	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		37400	50.0	200	ug/L	1.00	1					
Chromium		14.5	1.00	10.0	ug/L	1.00	1					
Cobalt		7.77	1.00	5.00	ug/L	1.00	1					
Copper	J	3.53	3.00	20.0	ug/L	1.00	1					
Iron		28400	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		7020	110	300	ug/L	1.00	1					
Manganese		227	2.00	10.0	ug/L	1.00	1					
Nickel		5.10	1.50	5.00	ug/L	1.00	1					
Potassium		3430	50.0	250	ug/L	1.00	1					
Selenium	J	19.1	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium		15.0	1.00	5.00	ug/L	1.00	1					
Zinc		40.3	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.88	9.59	ug/L	0.000959	1	NM1	03/26/26	1945	2967841	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.88	9.59	ug/L	0.000959	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4,5-Trichlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4,6-Trichlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4-Dichlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4-Dimethylphenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2,4-Dinitrophenol	U	ND	4.79	19.2	ug/L	0.000959	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.88	9.59	ug/L	0.000959	1					
2,6-Dinitrotoluene	U	ND	2.88	9.59	ug/L	0.000959	1					
2-Chloronaphthalene	U	ND	0.393	0.959	ug/L	0.000959	1					
2-Chlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
2-Methylnaphthalene		18.9	0.288	0.959	ug/L	0.000959	1					
2-Nitrophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
3,3'-Dichlorobenzidine	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Bromophenylphenylether	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Chloro-3-methylphenol	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Chloroaniline	U	ND	3.16	9.59	ug/L	0.000959	1					
4-Chlorophenylphenylether	U	ND	2.88	9.59	ug/L	0.000959	1					
4-Nitrophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
Acenaphthene		5.77	0.288	0.959	ug/L	0.000959	1					
Acenaphthylene	U	ND	0.288	0.959	ug/L	0.000959	1					
Acetophenone	U	ND	2.88	9.59	ug/L	0.000959	1					
Anthracene	U	ND	0.288	0.959	ug/L	0.000959	1					
Atrazine	U	ND	2.88	9.59	ug/L	0.000959	1					
Benzaldehyde	U	ND	2.88	9.59	ug/L	0.000959	1					
Benzo(a)anthracene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(a)pyrene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(b)fluoranthene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(ghi)perylene	U	ND	0.288	0.959	ug/L	0.000959	1					
Benzo(k)fluoranthene	U	ND	0.288	0.959	ug/L	0.000959	1					
Butylbenzylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Carbazole	U	ND	0.288	0.959	ug/L	0.000959	1					
Chrysene	U	ND	0.288	0.959	ug/L	0.000959	1					
Di-n-butylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Di-n-octylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Dibenzo(a,h)anthracene	U	ND	0.288	0.959	ug/L	0.000959	1					
Dibenzofuran	U	ND	2.88	9.59	ug/L	0.000959	1					
Diethylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Dimethylphthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
Diphenylamine	U	ND	2.88	9.59	ug/L	0.000959	1					
Fluoranthene	J	0.470	0.288	0.959	ug/L	0.000959	1					
Fluorene		7.33	0.288	0.959	ug/L	0.000959	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.88	9.59	ug/L	0.000959	1					
Hexachlorobutadiene	U	ND	2.88	9.59	ug/L	0.000959	1					
Hexachlorocyclopentadiene	U	ND	2.88	9.59	ug/L	0.000959	1					
Hexachloroethane	U	ND	2.88	9.59	ug/L	0.000959	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.288	0.959	ug/L	0.000959	1					
Isophorone	U	ND	3.36	9.59	ug/L	0.000959	1					
N-Nitrosodipropylamine	U	ND	2.88	9.59	ug/L	0.000959	1					
Naphthalene	U	ND	0.288	0.959	ug/L	0.000959	1					
Nitrobenzene	U	ND	2.88	9.59	ug/L	0.000959	1					
Pentachlorophenol	U	ND	2.88	9.59	ug/L	0.000959	1					
Phenanthrene		10.5	0.288	0.959	ug/L	0.000959	1					
Phenol	U	ND	2.88	9.59	ug/L	0.000959	1					
Pyrene	J	0.499	0.288	0.959	ug/L	0.000959	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.88	9.59	ug/L	0.000959	1					
bis(2-Chloroethoxy)methane	U	ND	2.88	9.59	ug/L	0.000959	1					
bis(2-Chloroethyl) ether	U	ND	2.88	9.59	ug/L	0.000959	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.288	0.959	ug/L	0.000959	1					
m,p-Cresols	U	ND	3.55	9.59	ug/L	0.000959	1					
m-Nitroaniline	U	ND	2.88	9.59	ug/L	0.000959	1					
o-Cresol	U	ND	2.88	9.59	ug/L	0.000959	1					
o-Nitroaniline	U	ND	2.88	9.59	ug/L	0.000959	1					
p-Nitroaniline	U	ND	2.88	9.59	ug/L	0.000959	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.0150	0.0500	mg/L		5	BR2	03/24/26	1833	2966917	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	JM6	04/01/26	1917	2971014	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TW-10 DP
Sample ID: 769625011
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	J	3.12	1.74	5.00	ug/L		1					
Benzene		1.11	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene		1.94	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane		2.65	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene		9.71	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane		5.22	0.333	1.00	ug/L		1					
Methylene chloride	BJ	0.700	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP	Project:	RVDE00226C
Sample ID:	769625011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/01/26	1306	2970661
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	AE2	03/26/26	1020	2967840
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	19.4 ug/L	47.9	40	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	15.1 ug/L	47.9	32	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	5.82 ug/L	47.9	12*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	26.0 ug/L	95.9	27*	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	10.8 ug/L	95.9	11*	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	12.2 ug/L	95.9	13*	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.8 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	51.0 ug/L	50.0	102	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	50.6 ug/L	50.0	101	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP	Project:	RVDE00226C
Sample ID:	769625011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP Field Filtered	Project:	RVDE00226C
Sample ID:	769625012	Client ID:	GEEL003
Matrix:	Surface Water		
Collect Date:	24-MAR-26 14:10		
Receive Date:	24-MAR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	PB1	03/26/26	1055	2967072	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	HS2	03/26/26	1229	2967014	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		75.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		38200	50.0	200	ug/L	1.00	1					
Chromium	J	2.45	1.00	10.0	ug/L	1.00	1					
Cobalt		5.01	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron		25100	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		6900	110	300	ug/L	1.00	1					
Manganese		200	2.00	10.0	ug/L	1.00	1					
Nickel	J	1.80	1.50	5.00	ug/L	1.00	1					
Potassium		2990	50.0	250	ug/L	1.00	1					
Selenium	J	26.5	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	16.2	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	BR2	03/24/26	1833	2966917	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	JB7	03/25/26	1538	2967013
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	HC1	03/25/26	1445	2967069

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: April 30, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-TW-10 DP Field Filtered	Project:	RVDE00226C
Sample ID:	769625012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

QC Summary

Report Date: April 30, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Flow Injection Analysis												
Batch 2971830												
QC1206426030 769481004 DUP												
Cyanide, Total		U	ND	U	ND	ug/L	N/A			CH9	04/06/26	15:18
QC1206426029 LCS												
Cyanide, Total	50.0				48.9	ug/L		97.9	(90%-110%)		04/06/26	15:08
QC1206426028 MB												
Cyanide, Total				U	ND	ug/L					04/06/26	15:07
QC1206426031 769481004 MS												
Cyanide, Total	100	U	ND		86.3	ug/L		86.3	(52%-131%)		04/06/26	15:19
Metals Analysis-ICP												
Batch 2967014												
QC1206417412 LCS												
Aluminum	5000				5060	ug/L		101	(80%-120%)	HS2	03/26/26	11:43
Antimony	500				490	ug/L		98	(80%-120%)			
Arsenic	500				508	ug/L		102	(80%-120%)			
Barium	500				507	ug/L		101	(80%-120%)			
Beryllium	500				501	ug/L		100	(80%-120%)			
Cadmium	500				503	ug/L		101	(80%-120%)			

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Calcium	5000			5140	ug/L		103	(80%-120%)	HS2	03/26/26 11:43
Chromium	500			520	ug/L		104	(80%-120%)		
Cobalt	500			512	ug/L		102	(80%-120%)		
Copper	500			507	ug/L		101	(80%-120%)		
Iron	5000			5170	ug/L		103	(80%-120%)		
Lead	500			508	ug/L		102	(80%-120%)		
Magnesium	5000			5200	ug/L		104	(80%-120%)		
Manganese	500			505	ug/L		101	(80%-120%)		
Nickel	500			515	ug/L		103	(80%-120%)		
Potassium	5000			5010	ug/L		100	(80%-120%)		
Selenium	500			495	ug/L		99	(80%-120%)		
Silver	100			101	ug/L		101	(80%-120%)		
Sodium	5000			5020	ug/L		100	(80%-120%)		
Thallium	500			523	ug/L		105	(80%-120%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Vanadium	500			505	ug/L		101	(80%-120%)	HS2	03/26/26 11:43
Zinc	500			490	ug/L		98.1	(80%-120%)		
QC1206417411 MB										
Aluminum			U	ND	ug/L					03/26/26 11:39
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			U	ND	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Magnesium			U	ND	ug/L				HS2	03/26/26 11:39
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			U	ND	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					
Sodium			U	ND	ug/L					
Thallium			U	ND	ug/L					
Vanadium			U	ND	ug/L					
Zinc			U	ND	ug/L					
QC1206417413 769625001 MS										
Aluminum	5000	711		5680	ug/L		99.4	(75%-125%)		03/26/26 11:47
Antimony	500	ND	U	489	ug/L		97.7	(75%-125%)		
Arsenic	500	ND	U	512	ug/L		102	(75%-125%)		
Barium	500	52.1		537	ug/L		97	(75%-125%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967014											
Beryllium	500	U	ND		493	ug/L		98.5	(75%-125%)	HS2	03/26/26 11:47
Cadmium	500	J	1.06		490	ug/L		97.8	(75%-125%)		
Calcium	5000		17100		21600	ug/L		90.3	(75%-125%)		
Chromium	500		14.7		520	ug/L		101	(75%-125%)		
Cobalt	500	J	1.36		501	ug/L		100	(75%-125%)		
Copper	500		194		689	ug/L		99.1	(75%-125%)		
Iron	5000		4910		8620	ug/L		74.2*	(75%-125%)		
Lead	500		22.2		512	ug/L		97.9	(75%-125%)		
Magnesium	5000		2990		7880	ug/L		97.7	(75%-125%)		
Manganese	500		232		702	ug/L		94.1	(75%-125%)		
Nickel	500		8.83		508	ug/L		99.8	(75%-125%)		
Potassium	5000		3240		8150	ug/L		98.3	(75%-125%)		
Selenium	500	J	18.8		490	ug/L		94.2	(75%-125%)		
Silver	100	U	ND		98.8	ug/L		98.7	(75%-125%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967014											
Sodium	5000		1760		6590	ug/L		96.6	(75%-125%)	HS2	03/26/26 11:47
Thallium	500	U	ND		509	ug/L		102	(75%-125%)		
Vanadium	500	J	4.87		502	ug/L		99.4	(75%-125%)		
Zinc	500		2710		3140	ug/L		N/A	(75%-125%)		
QC1206417414 769625001 MSD											
Aluminum	5000		711		5830	ug/L	2.6	102	(0%-20%)		03/26/26 11:50
Antimony	500	U	ND		488	ug/L	0.199	97.5	(0%-20%)		
Arsenic	500	U	ND		515	ug/L	0.549	103	(0%-20%)		
Barium	500		52.1		548	ug/L	2.03	99.2	(0%-20%)		
Beryllium	500	U	ND		495	ug/L	0.541	99	(0%-20%)		
Cadmium	500	J	1.06		493	ug/L	0.602	98.4	(0%-20%)		
Calcium	5000		17100		22000	ug/L	1.83	98.3	(0%-20%)		
Chromium	500		14.7		526	ug/L	1.06	102	(0%-20%)		
Cobalt	500	J	1.36		504	ug/L	0.65	101	(0%-20%)		
Copper	500		194		700	ug/L	1.54	101	(0%-20%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2967014											
Iron	5000		4910		9550	ug/L	10.3	92.8	(0%-20%)	HS2	03/26/26 11:50
Lead	500		22.2		516	ug/L	0.741	98.7	(0%-20%)		
Magnesium	5000		2990		8100	ug/L	2.77	102	(0%-20%)		
Manganese	500		232		718	ug/L	2.22	97.3	(0%-20%)		
Nickel	500		8.83		511	ug/L	0.536	100	(0%-20%)		
Potassium	5000		3240		8280	ug/L	1.6	101	(0%-20%)		
Selenium	500	J	18.8		511	ug/L	4.24	98.4	(0%-20%)		
Silver	100	U	ND		98.5	ug/L	0.313	98.4	(0%-20%)		
Sodium	5000		1760		6690	ug/L	1.58	98.7	(0%-20%)		
Thallium	500	U	ND		506	ug/L	0.613	101	(0%-20%)		
Vanadium	500	J	4.87		505	ug/L	0.685	100	(0%-20%)		
Zinc	500		2710		3190	ug/L	1.62	N/A	(0%-20%)		
QC1206417415 769625001 PS											
Iron	5000		4910		9830	ug/L		98.3	(75%-125%)		03/26/26 11:52
QC1206417416 769625001 SDILT											
Aluminum			711	J	139	ug/L	2.1		(0%-20%)		03/26/26 11:54

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Antimony	U	ND	U	ND	ug/L	N/A		(0%-20%)	HS2	03/26/26 11:54
Arsenic	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Barium		52.1		10.9	ug/L	4.56		(0%-20%)		
Beryllium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	J	1.06	U	ND	ug/L	N/A		(0%-20%)		
Calcium		17100		3380	ug/L	1.15		(0%-20%)		
Chromium		14.7	J	2.64	ug/L	10.6		(0%-20%)		
Cobalt	J	1.36	U	ND	ug/L	N/A		(0%-20%)		
Copper		194		41.1	ug/L	6.06		(0%-20%)		
Iron		4910		978	ug/L	.402		(0%-20%)		
Lead		22.2	J	7.79	ug/L	75.1		(0%-20%)		
Magnesium		2990		595	ug/L	.533		(0%-20%)		
Manganese		232		48.9	ug/L	5.42		(0%-20%)		
Nickel		8.83	J	1.67	ug/L	5.49		(0%-20%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2967014										
Potassium		3240		623	ug/L	3.77		(0%-20%)	HS2	03/26/26 11:54
Selenium	J	18.8	J	10.2	ug/L	172		(0%-20%)		
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		1760		343	ug/L	2.46		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	J	4.87	J	1.26	ug/L	29.2		(0%-20%)		
Zinc		2710		572	ug/L	5.52		(0%-20%)		
Metals Analysis-Mercury										
Batch 2967072										
QC1206417514 769473001 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			PB1	03/26/26 10:12
QC1206417513 LCS										
Mercury 2.00				2.05	ug/L		102	(80%-120%)		03/26/26 10:09
QC1206417512 MB										
Mercury			U	ND	ug/L					03/26/26 10:07
QC1206417515 769473001 MS										
Mercury 2.00	U	ND		2.07	ug/L		103	(75%-125%)		03/26/26 10:14

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
QC1206418799 LCS										
1,1'-Biphenyl	50.0			31.8	ug/L		64	(45%-114%)	NM1	03/26/26 17:25
1,2,4,5-Tetrachlorobenzene	50.0			29.4	ug/L		59	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0			32.4	ug/L		65	(41%-119%)		
2,4,5-Trichlorophenol	50.0			32.0	ug/L		64	(42%-122%)		
2,4,6-Trichlorophenol	50.0			31.8	ug/L		64	(40%-119%)		
2,4-Dichlorophenol	50.0			29.5	ug/L		59	(36%-111%)		
2,4-Dimethylphenol	50.0			18.0	ug/L		36	(31%-68%)		
2,4-Dinitrophenol	50.0			35.9	ug/L		72	(30%-120%)		
2,4-Dinitrotoluene	50.0			37.1	ug/L		74	(48%-128%)		
2,6-Dinitrotoluene	50.0			38.2	ug/L		76	(47%-124%)		
2-Chloronaphthalene	50.0			31.3	ug/L		63	(41%-113%)		
2-Chlorophenol	50.0			23.7	ug/L		47	(30%-95%)		
2-Methyl-4,6-dinitrophenol	50.0			37.2	ug/L		74	(32%-131%)		
2-Methylnaphthalene	50.0			36.1	ug/L		72	(42%-116%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
2-Nitrophenol	50.0			31.4	ug/L		63	(36%-115%)	NM1	03/26/26 17:25
3,3'-Dichlorobenzidine	50.0			33.7	ug/L		67	(43%-116%)		
4-Bromophenylphenylether	50.0			35.3	ug/L		71	(49%-125%)		
4-Chloro-3-methylphenol	50.0			31.1	ug/L		62	(35%-113%)		
4-Chloroaniline	50.0			30.2	ug/L		60	(39%-112%)		
4-Chlorophenylphenylether	50.0			34.8	ug/L		70	(48%-124%)		
4-Nitrophenol	50.0			13.3	ug/L		27	(25%-69%)		
Acenaphthene	50.0			32.7	ug/L		65	(44%-118%)		
Acenaphthylene	50.0			30.4	ug/L		61	(42%-110%)		
Acetophenone	50.0			33.7	ug/L		67	(44%-114%)		
Anthracene	50.0			34.8	ug/L		70	(49%-121%)		
Atrazine	50.0			41.3	ug/L		83	(49%-147%)		
Benzaldehyde	50.0			30.2	ug/L		60	(27%-111%)		
Benzo(a)anthracene	50.0			33.2	ug/L		66	(46%-121%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Benzo(a)pyrene	50.0			26.3	ug/L		53	(41%-120%)	NM1	03/26/26 17:25
Benzo(b)fluoranthene	50.0			34.2	ug/L		68	(45%-126%)		
Benzo(ghi)perylene	50.0			34.1	ug/L		68	(44%-129%)		
Benzo(k)fluoranthene	50.0			32.5	ug/L		65	(44%-126%)		
Butylbenzylphthalate	50.0			41.2	ug/L		82	(47%-135%)		
Carbazole	50.0			36.3	ug/L		73	(52%-127%)		
Chrysene	50.0			32.0	ug/L		64	(46%-121%)		
Di-n-butylphthalate	50.0			38.1	ug/L		76	(51%-132%)		
Di-n-octylphthalate	50.0			37.9	ug/L		76	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			34.1	ug/L		68	(42%-123%)		
Dibenzofuran	50.0			33.2	ug/L		66	(48%-118%)		
Diethylphthalate	50.0			36.5	ug/L		73	(51%-131%)		
Dimethylphthalate	50.0			35.8	ug/L		72	(48%-129%)		
Diphenylamine	50.0			29.3	ug/L		59	(49%-122%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Fluoranthene	50.0			36.3	ug/L		73	(50%-126%)	NM1	03/26/26 17:25
Fluorene	50.0			33.6	ug/L		67	(48%-122%)		
Hexachlorobenzene	50.0			34.4	ug/L		69	(46%-122%)		
Hexachlorobutadiene	50.0			25.3	ug/L		51	(32%-94%)		
Hexachlorocyclopentadiene	50.0			13.9	ug/L		28*	(31%-64%)		
Hexachloroethane	50.0			24.0	ug/L		48	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			34.2	ug/L		68	(40%-125%)		
Isophorone	50.0			35.2	ug/L		70	(39%-126%)		
N-Nitrosodipropylamine	50.0			35.9	ug/L		72	(44%-122%)		
Naphthalene	50.0			31.2	ug/L		62	(41%-107%)		
Nitrobenzene	50.0			34.2	ug/L		68	(42%-112%)		
Pentachlorophenol	50.0			35.0	ug/L		70	(36%-124%)		
Phenanthrene	50.0			34.9	ug/L		70	(48%-120%)		
Phenol	50.0			11.2	ug/L		22	(12%-90%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Pyrene	50.0			36.2	ug/L		72	(51%-127%)	NM1	03/26/26 17:25
bis(2-Chloro-1-methylethyl)ether	50.0			33.3	ug/L		67	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			35.4	ug/L		71	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			31.2	ug/L		62	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			36.1	ug/L		72	(42%-132%)		
m,p-Cresols	50.0		J	21.4	ug/L		43	(29%-82%)		
m-Nitroaniline	50.0			34.1	ug/L		68	(44%-119%)		
o-Cresol	50.0			21.1	ug/L		42	(29%-86%)		
o-Nitroaniline	50.0			37.7	ug/L		75	(45%-128%)		
p-Nitroaniline	50.0			37.5	ug/L		75	(46%-130%)		
**2,4,6-Tribromophenol	100			62.7	ug/L		63	(28%-113%)		
**2-Fluorobiphenyl	50.0			29.0	ug/L		58	(32%-102%)		
**2-Fluorophenol	100			27.5	ug/L		27	(15%-72%)		
**Nitrobenzene-d5	50.0			30.5	ug/L		61	(31%-100%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
**Phenol-d5	100			21.2	ug/L		21	(15%-85%)	NM1	03/26/26 17:25
**p-Terphenyl-d14	50.0			25.0	ug/L		50	(20%-118%)		
QC1206418798 MB										
1,1'-Biphenyl			U	ND	ug/L					03/26/26 17:02
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					
2,6-Dinitrotoluene			U	ND	ug/L					
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
2-Methyl-4,6-dinitrophenol			U	ND	ug/L				NM1	03/26/26 17:02
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					
Acetophenone			U	ND	ug/L					
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Benzaldehyde			U	ND	ug/L				NM1	03/26/26 17:02
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					
Dibenzo(a,h)anthracene			U	ND	ug/L					
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Dimethylphthalate			U	ND	ug/L				NM1	03/26/26 17:02
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L					
Pentachlorophenol			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2967841										
Phenanthrene			U	ND	ug/L				NM1	03/26/26 17:02
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			62.3	ug/L		62	(28%-113%)		
**2-Fluorobiphenyl	50.0			30.5	ug/L		61	(32%-102%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
**2-Fluorophenol	100				30.3	ug/L		30	(15%-72%)	NM1	03/26/26 17:02
**Nitrobenzene-d5	50.0				33.1	ug/L		66	(31%-100%)		
**Phenol-d5	100				22.2	ug/L		22	(15%-85%)		
**p-Terphenyl-d14	50.0				26.3	ug/L		53	(20%-118%)		
QC1206418800 769680001 MS											
1,1'-Biphenyl	100	U	ND		64.0	ug/L		64	(30%-119%)		03/26/26 20:56
1,2,4,5-Tetrachlorobenzene	100	U	ND		58.7	ug/L		59	(28%-109%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		67.2	ug/L		67	(31%-125%)		
2,4,5-Trichlorophenol	100	U	ND		70.2	ug/L		70	(32%-128%)		
2,4,6-Trichlorophenol	100	U	ND		67.7	ug/L		68	(32%-122%)		
2,4-Dichlorophenol	100	U	ND		65.6	ug/L		66	(30%-117%)		
2,4-Dimethylphenol	100	U	ND		46.0	ug/L		46	(21%-75%)		
2,4-Dinitrophenol	100	U	ND		76.1	ug/L		76	(24%-128%)		
2,4-Dinitrotoluene	100	U	ND		73.0	ug/L		73	(36%-129%)		
2,6-Dinitrotoluene	100	U	ND		75.0	ug/L		75	(35%-126%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2967841												
2-Chloronaphthalene	100	U	ND		62.0	ug/L		62	(31%-114%)	NM1	03/26/26	20:56
2-Chlorophenol	100	U	ND		55.9	ug/L		56	(25%-106%)			
2-Methyl-4,6-dinitrophenol	100	U	ND		73.8	ug/L		74	(25%-131%)			
2-Methylnaphthalene	100	U	ND		70.5	ug/L		70	(32%-117%)			
2-Nitrophenol	100	U	ND		66.8	ug/L		67	(28%-118%)			
3,3'-Dichlorobenzidine	100	U	ND		54.2	ug/L		54	(24%-119%)			
4-Bromophenylphenylether	100	U	ND		68.2	ug/L		68	(36%-126%)			
4-Chloro-3-methylphenol	100	U	ND		73.7	ug/L		74	(32%-122%)			
4-Chloroaniline	100	U	ND		58.6	ug/L		59	(27%-117%)			
4-Chlorophenylphenylether	100	U	ND		68.4	ug/L		68	(35%-126%)			
4-Nitrophenol	100	U	ND		34.3	ug/L		34	(9%-95%)			
Acenaphthene	100	U	ND		65.2	ug/L		65	(33%-118%)			
Acenaphthylene	100	U	ND		60.9	ug/L		61	(30%-112%)			
Acetophenone	100	U	ND		67.4	ug/L		67	(31%-118%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Anthracene	100	U	ND		67.6	ug/L		68	(35%-122%)	NM1	03/26/26 20:56
Atrazine	100	U	ND		75.4	ug/L		75	(26%-158%)		
Benzaldehyde	100	U	ND		55.5	ug/L		55	(16%-109%)		
Benzo(a)anthracene	100	U	ND		64.8	ug/L		65	(33%-122%)		
Benzo(a)pyrene	100	U	ND		64.0	ug/L		64	(30%-121%)		
Benzo(b)fluoranthene	100	U	ND		68.1	ug/L		68	(33%-128%)		
Benzo(ghi)perylene	100	U	ND		69.0	ug/L		69	(31%-131%)		
Benzo(k)fluoranthene	100	U	ND		65.2	ug/L		65	(32%-128%)		
Butylbenzylphthalate	100	U	ND		82.0	ug/L		82	(35%-136%)		
Carbazole	100	U	ND		71.7	ug/L		72	(39%-129%)		
Chrysene	100	U	ND		64.3	ug/L		64	(34%-122%)		
Di-n-butylphthalate	100	U	ND		71.7	ug/L		72	(36%-133%)		
Di-n-octylphthalate	100	U	ND		77.4	ug/L		77	(29%-136%)		
Dibenzo(a,h)anthracene	100	U	ND		68.3	ug/L		68	(30%-124%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2967841												
Dibenzofuran	100	U	ND		66.1	ug/L		66	(36%-120%)	NM1	03/26/26	20:56
Diethylphthalate	100	U	ND		70.6	ug/L		71	(37%-133%)			
Dimethylphthalate	100	U	ND		71.0	ug/L		71	(36%-131%)			
Diphenylamine	100	U	ND		69.0	ug/L		69	(33%-124%)			
Fluoranthene	100	U	ND		68.5	ug/L		69	(36%-128%)			
Fluorene	100	U	ND		65.9	ug/L		66	(35%-124%)			
Hexachlorobenzene	100	U	ND		65.8	ug/L		66	(34%-123%)			
Hexachlorobutadiene	100	U	ND		51.4	ug/L		51	(22%-97%)			
Hexachlorocyclopentadiene	100	U	ND		26.7	ug/L		27	(18%-65%)			
Hexachloroethane	100	U	ND		47.4	ug/L		47	(20%-91%)			
Indeno(1,2,3-cd)pyrene	100	U	ND		69.3	ug/L		69	(29%-127%)			
Isophorone	100	U	ND		69.9	ug/L		70	(27%-128%)			
N-Nitrosodipropylamine	100	U	ND		70.4	ug/L		70	(30%-128%)			
Naphthalene	100	U	ND		61.4	ug/L		61	(30%-109%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Nitrobenzene	100	U	ND		68.0	ug/L		68	(30%-117%)	NM1	03/26/26 20:56
Pentachlorophenol	100	U	ND		70.7	ug/L		71	(30%-131%)		
Phenanthrene	100	U	ND		67.7	ug/L		68	(35%-122%)		
Phenol	100	U	ND		30.5	ug/L		30	(16%-74%)		
Pyrene	100	U	ND		68.0	ug/L		68	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		63.4	ug/L		63	(19%-144%)		
bis(2-Chloroethoxy)methane	100	U	ND		69.1	ug/L		69	(31%-117%)		
bis(2-Chloroethyl) ether	100	U	ND		62.3	ug/L		62	(29%-113%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		74.5	ug/L		75	(29%-135%)		
m,p-Cresols	100	U	ND		54.7	ug/L		55	(21%-105%)		
m-Nitroaniline	100	U	ND		71.7	ug/L		72	(29%-127%)		
o-Cresol	100	U	ND		52.4	ug/L		52	(23%-104%)		
o-Nitroaniline	100	U	ND		75.7	ug/L		76	(32%-130%)		
p-Nitroaniline	100	U	ND		76.9	ug/L		77	(33%-134%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
**2,4,6-Tribromophenol	200		67.0		130	ug/L		65	(28%-113%)	NM1	03/26/26 20:56
**2-Fluorobiphenyl	100		29.3		57.1	ug/L		57	(32%-102%)		
**2-Fluorophenol	200		36.4		70.8	ug/L		35	(15%-72%)		
**Nitrobenzene-d5	100		31.4		59.0	ug/L		59	(31%-100%)		
**Phenol-d5	200		26.9		54.5	ug/L		27	(15%-85%)		
**p-Terphenyl-d14	100		17.9		45.9	ug/L		46	(20%-118%)		
QC1206418801 769680001 MSD											
1,1'-Biphenyl	100	U	ND		53.6	ug/L	18	54	(0%-30%)		03/26/26 21:19
1,2,4,5-Tetrachlorobenzene	100	U	ND		48.8	ug/L	18	49	(0%-30%)		
2,3,4,6-Tetrachlorophenol	100	U	ND		57.4	ug/L	16	57	(0%-30%)		
2,4,5-Trichlorophenol	100	U	ND		59.6	ug/L	16	60	(0%-30%)		
2,4,6-Trichlorophenol	100	U	ND		58.3	ug/L	15	58	(0%-30%)		
2,4-Dichlorophenol	100	U	ND		57.4	ug/L	13	57	(0%-30%)		
2,4-Dimethylphenol	100	U	ND		40.3	ug/L	13	40	(0%-30%)		
2,4-Dinitrophenol	100	U	ND		67.3	ug/L	12	67	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
2,4-Dinitrotoluene	100	U	ND		63.1	ug/L	15	63	(0%-30%)	NM1	03/26/26 21:19
2,6-Dinitrotoluene	100	U	ND		63.7	ug/L	16	64	(0%-30%)		
2-Chloronaphthalene	100	U	ND		52.3	ug/L	17	52	(0%-30%)		
2-Chlorophenol	100	U	ND		48.2	ug/L	15	48	(0%-30%)		
2-Methyl-4,6-dinitrophenol	100	U	ND		62.0	ug/L	17	62	(0%-30%)		
2-Methylnaphthalene	100	U	ND		59.8	ug/L	16	60	(0%-30%)		
2-Nitrophenol	100	U	ND		55.7	ug/L	18	56	(0%-30%)		
3,3'-Dichlorobenzidine	100	U	ND		44.9	ug/L	19	45	(0%-30%)		
4-Bromophenylphenylether	100	U	ND		58.5	ug/L	15	58	(0%-30%)		
4-Chloro-3-methylphenol	100	U	ND		65.5	ug/L	12	65	(0%-30%)		
4-Chloroaniline	100	U	ND		50.9	ug/L	14	51	(0%-30%)		
4-Chlorophenylphenylether	100	U	ND		59.0	ug/L	15	59	(0%-30%)		
4-Nitrophenol	100	U	ND		40.7	ug/L	17	41	(0%-30%)		
Acenaphthene	100	U	ND		55.5	ug/L	16	56	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Acenaphthylene	100	U	ND		52.4	ug/L	15	52	(0%-30%)	NM1	03/26/26 21:19
Acetophenone	100	U	ND		57.1	ug/L	17	57	(0%-30%)		
Anthracene	100	U	ND		58.2	ug/L	15	58	(0%-30%)		
Atrazine	100	U	ND		68.8	ug/L	9	69	(0%-30%)		
Benzaldehyde	100	U	ND		47.3	ug/L	16	47	(0%-30%)		
Benzo(a)anthracene	100	U	ND		57.1	ug/L	13	57	(0%-30%)		
Benzo(a)pyrene	100	U	ND		55.2	ug/L	15	55	(0%-30%)		
Benzo(b)fluoranthene	100	U	ND		59.9	ug/L	13	60	(0%-30%)		
Benzo(ghi)perylene	100	U	ND		56.6	ug/L	20	57	(0%-30%)		
Benzo(k)fluoranthene	100	U	ND		56.7	ug/L	14	57	(0%-30%)		
Butylbenzylphthalate	100	U	ND		70.9	ug/L	14	71	(0%-30%)		
Carbazole	100	U	ND		62.9	ug/L	13	63	(0%-30%)		
Chrysene	100	U	ND		54.6	ug/L	16	55	(0%-30%)		
Di-n-butylphthalate	100	U	ND		63.7	ug/L	12	64	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
Di-n-octylphthalate	100	U	ND		67.2	ug/L	14	67	(0%-30%)	NM1	03/26/26 21:19
Dibenzo(a,h)anthracene	100	U	ND		56.5	ug/L	19	57	(0%-30%)		
Dibenzofuran	100	U	ND		55.9	ug/L	17	56	(0%-30%)		
Diethylphthalate	100	U	ND		61.5	ug/L	14	62	(0%-30%)		
Dimethylphthalate	100	U	ND		60.8	ug/L	15	61	(0%-30%)		
Diphenylamine	100	U	ND		59.7	ug/L	14	60	(0%-30%)		
Fluoranthene	100	U	ND		60.8	ug/L	12	61	(0%-30%)		
Fluorene	100	U	ND		57.5	ug/L	14	57	(0%-30%)		
Hexachlorobenzene	100	U	ND		57.2	ug/L	14	57	(0%-30%)		
Hexachlorobutadiene	100	U	ND		42.1	ug/L	20	42	(0%-30%)		
Hexachlorocyclopentadiene	100	U	ND		21.0	ug/L	24	21	(0%-30%)		
Hexachloroethane	100	U	ND		37.0	ug/L	25	37	(0%-30%)		
Indeno(1,2,3-cd)pyrene	100	U	ND		57.5	ug/L	19	57	(0%-30%)		
Isophorone	100	U	ND		58.9	ug/L	17	59	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
N-Nitrosodipropylamine	100	U	ND		60.7	ug/L	15	61	(0%-30%)	NM1	03/26/26 21:19
Naphthalene	100	U	ND		51.4	ug/L	18	51	(0%-30%)		
Nitrobenzene	100	U	ND		57.2	ug/L	17	57	(0%-30%)		
Pentachlorophenol	100	U	ND		62.3	ug/L	13	62	(0%-30%)		
Phenanthrene	100	U	ND		57.9	ug/L	16	58	(0%-30%)		
Phenol	100	U	ND		35.7	ug/L	16	36	(0%-30%)		
Pyrene	100	U	ND		59.6	ug/L	13	60	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	100	U	ND		54.5	ug/L	15	55	(0%-30%)		
bis(2-Chloroethoxy)methane	100	U	ND		58.9	ug/L	16	59	(0%-30%)		
bis(2-Chloroethyl) ether	100	U	ND		51.0	ug/L	20	51	(0%-30%)		
bis(2-Ethylhexyl)phthalate	100	U	ND		64.6	ug/L	14	65	(0%-30%)		
m,p-Cresols	100	U	ND		53.9	ug/L	1	54	(0%-30%)		
m-Nitroaniline	100	U	ND		62.8	ug/L	13	63	(0%-30%)		
o-Cresol	100	U	ND		50.1	ug/L	4	50	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2967841											
o-Nitroaniline	100	U	ND		64.7	ug/L	16	65	(0%-30%)	NM1	03/26/26 21:19
p-Nitroaniline	100	U	ND		66.1	ug/L	15	66	(0%-30%)		
**2,4,6-Tribromophenol	200		67.0		116	ug/L		58	(28%-113%)		
**2-Fluorobiphenyl	100		29.3		50.2	ug/L		50	(32%-102%)		
**2-Fluorophenol	200		36.4		75.4	ug/L		38	(15%-72%)		
**Nitrobenzene-d5	100		31.4		52.4	ug/L		52	(31%-100%)		
**Phenol-d5	200		26.9		68.5	ug/L		34	(15%-85%)		
**p-Terphenyl-d14	100		17.9		45.8	ug/L		46	(20%-118%)		
Semi-Volatiles-PCB											
Batch 2969573											
QC1206421895 LCS											
Aroclor-1016	1.00				0.791	ug/L		79	(70%-130%)	NS2	03/31/26 17:46
Aroclor-1260	1.00				0.918	ug/L		92	(70%-130%)		
**4cmx	0.200				0.131	ug/L		65	(28%-114%)		
**Decachlorobiphenyl	0.200				0.198	ug/L		99	(30%-135%)		
QC1206421894 MB											
Aroclor-1016				U	ND	ug/L					03/31/26 17:34

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2969573										
Aroclor-1221			U	ND	ug/L				NS2	03/31/26 17:34
Aroclor-1232			U	ND	ug/L					
Aroclor-1242			U	ND	ug/L					
Aroclor-1248			U	ND	ug/L					
Aroclor-1254			U	ND	ug/L					
Aroclor-1260			U	ND	ug/L					
Aroclor-1262			U	ND	ug/L					
Aroclor-1268			U	ND	ug/L					
**4cmx	0.200			0.171	ug/L		85	(28%-114%)		
**Decachlorobiphenyl	0.200			0.227	ug/L		114	(30%-135%)		
Semi-Volatiles-Pesticide										
Batch 2966985										
QC1206417361 LCS										
4,4'-DDD	1.25			1.09	ug/L		87	(70%-130%)	LOF	03/26/26 19:28
4,4'-DDE	1.25			0.979	ug/L		78	(70%-130%)		
4,4'-DDT	1.25			1.08	ug/L		87	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
Aldrin	0.500			0.334	ug/L		67*	(70%-130%)	LOF	03/26/26 19:28
Dieldrin	1.25			1.09	ug/L		88	(70%-130%)		
Endosulfan I	0.500			0.388	ug/L		78	(70%-130%)		
Endosulfan II	1.25			1.03	ug/L		82	(70%-130%)		
Endosulfan sulfate	1.25			1.04	ug/L		84	(70%-130%)		
Endrin	1.25			1.19	ug/L		95	(70%-130%)		
Endrin aldehyde	1.25			1.15	ug/L		92	(70%-130%)		
Endrin ketone	1.25			1.09	ug/L		87	(70%-130%)		
Heptachlor	0.500			0.399	ug/L		80	(70%-130%)		
Heptachlor epoxide	0.500			0.455	ug/L		91	(70%-130%)		
Methoxychlor	5.00			4.29	ug/L		86	(70%-130%)		
alpha-BHC	0.500			0.432	ug/L		86	(70%-130%)		
beta-BHC	0.500			0.395	ug/L		79	(70%-130%)		
cis-Chlordane	0.500			0.402	ug/L		80	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
delta-BHC	0.500			0.470	ug/L		94	(70%-130%)	LOF	03/26/26 19:28
gamma-BHC (Lindane)	0.500			0.441	ug/L		88	(70%-130%)		
trans-Chlordane	0.500			0.401	ug/L		80	(70%-130%)		
**4cmx	1.00			0.746	ug/L		75	(29%-119%)		
**Decachlorobiphenyl	1.00			0.912	ug/L		91	(43%-140%)		
QC1206417364 LCS										
Toxaphene	4.00			3.76	ug/L		94	(70%-130%)		03/26/26 19:43
**4cmx	1.00			0.786	ug/L		79	(29%-119%)		
**Decachlorobiphenyl	1.00			0.947	ug/L		95	(43%-140%)		
QC1206417365 LCS										
**4cmx	1.00			0.850	ug/L		85	(29%-119%)		03/26/26 19:58
**Decachlorobiphenyl	1.00			0.972	ug/L		97	(43%-140%)		
QC1206417366 LCS										
**4cmx	1.10			0.912	ug/L		83	(29%-119%)		03/26/26 20:12
**Decachlorobiphenyl	1.20			1.11	ug/L		93	(43%-140%)		
QC1206417360 MB										
4,4'-DDD			U	ND	ug/L					03/26/26 19:13

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
4,4'-DDE			U	ND	ug/L				LOF	03/26/26 19:13
4,4'-DDT			U	ND	ug/L					
Aldrin			U	ND	ug/L					
Dieldrin			U	ND	ug/L					
Endosulfan I			U	ND	ug/L					
Endosulfan II			U	ND	ug/L					
Endosulfan sulfate			U	ND	ug/L					
Endrin			U	ND	ug/L					
Endrin aldehyde			U	ND	ug/L					
Endrin ketone			U	ND	ug/L					
Heptachlor			U	ND	ug/L					
Heptachlor epoxide			U	ND	ug/L					
Methoxychlor			U	ND	ug/L					
Toxaphene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2966985										
alpha-BHC			U	ND	ug/L				LOF	03/26/26 19:13
beta-BHC			U	ND	ug/L					
cis-Chlordane			U	ND	ug/L					
delta-BHC			U	ND	ug/L					
gamma-BHC (Lindane)			U	ND	ug/L					
trans-Chlordane			U	ND	ug/L					
**4cmx	1.00			0.815	ug/L		81	(29%-119%)		
**Decachlorobiphenyl	1.00			0.964	ug/L		96	(43%-140%)		
QC1206417362 769481001 MS										
4,4'-DDD	2.50	U	ND	1.86	ug/L		74	(38%-152%)		03/26/26 21:12
4,4'-DDE	2.50	U	ND	1.63	ug/L		65	(34%-144%)		
4,4'-DDT	2.50	U	ND	1.72	ug/L		69	(33%-152%)		
Aldrin	1.00	U	ND	0.673	ug/L		67	(10%-146%)		
Dieldrin	2.50	U	ND	1.89	ug/L		75	(40%-144%)		
Endosulfan I	1.00	U	ND	0.658	ug/L		66	(35%-138%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2966985											
Endosulfan II	2.50	U	ND		1.75	ug/L		70	(36%-145%)	LOF	03/26/26 21:12
Endosulfan sulfate	2.50	U	ND		1.78	ug/L		71	(38%-150%)		
Endrin	2.50	U	ND		2.11	ug/L		84	(34%-164%)		
Endrin aldehyde	2.50	U	ND		1.91	ug/L		76	(37%-159%)		
Endrin ketone	2.50	U	ND		1.87	ug/L		75	(39%-144%)		
Heptachlor	1.00	U	ND		0.697	ug/L		70	(30%-143%)		
Heptachlor epoxide	1.00	U	ND		0.819	ug/L		82	(34%-148%)		
Methoxychlor	10.0	U	ND		7.59	ug/L		76	(32%-151%)		
alpha-BHC	1.00	U	ND		0.847	ug/L		85	(38%-146%)		
beta-BHC	1.00	U	ND		0.752	ug/L		75	(35%-138%)		
cis-Chlordane	1.00	U	ND		0.651	ug/L		65	(31%-141%)		
delta-BHC	1.00	U	ND		0.914	ug/L		91	(38%-149%)		
gamma-BHC (Lindane)	1.00	U	ND		0.824	ug/L		82	(34%-140%)		
trans-Chlordane	1.00	U	ND		0.638	ug/L		64	(32%-143%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 2966985												
**4cmx	2.00		0.664		1.27	ug/L			63	(29%-119%)	LOF	03/26/26 21:12
**Decachlorobiphenyl	2.00		0.549		1.27	ug/L			63	(43%-140%)		
QC1206417363 769481001 MSD												
4,4'-DDD	2.50	U	ND		1.23	ug/L	40	*	49	(0%-30%)		03/26/26 21:27
4,4'-DDE	2.50	U	ND		1.15	ug/L	35	*	46	(0%-30%)		
4,4'-DDT	2.50	U	ND		1.25	ug/L	32	*	50	(0%-30%)		
Aldrin	1.00	U	ND		0.452	ug/L	39	*	45	(0%-30%)		
Dieldrin	2.50	U	ND	P	3.38	ug/L	57	*	135	(0%-30%)		
Endosulfan I	1.00	U	ND		0.505	ug/L	26		50	(0%-30%)		
Endosulfan II	2.50	U	ND		1.18	ug/L	39	*	47	(0%-30%)		
Endosulfan sulfate	2.50	U	ND		1.19	ug/L	40	*	48	(0%-30%)		
Endrin	2.50	U	ND		1.42	ug/L	39	*	57	(0%-30%)		
Endrin aldehyde	2.50	U	ND		1.27	ug/L	40	*	51	(0%-30%)		
Endrin ketone	2.50	U	ND		1.22	ug/L	42	*	49	(0%-30%)		
Heptachlor	1.00	U	ND		0.524	ug/L	28		52	(0%-30%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide												
Batch 2966985												
Heptachlor epoxide	1.00	U	ND		0.612	ug/L	29		61	(0%-30%)	LOF	03/26/26 21:27
Methoxychlor	10.0	U	ND		5.09	ug/L	39	*	51	(0%-30%)		
alpha-BHC	1.00	U	ND		0.514	ug/L	49	*	51	(0%-30%)		
beta-BHC	1.00	U	ND		0.490	ug/L	42	*	49	(0%-30%)		
cis-Chlordane	1.00	U	ND		0.468	ug/L	33	*	47	(0%-30%)		
delta-BHC	1.00	U	ND		0.586	ug/L	44	*	59	(0%-30%)		
gamma-BHC (Lindane)	1.00	U	ND		0.520	ug/L	45	*	52	(0%-30%)		
trans-Chlordane	1.00	U	ND		0.500	ug/L	24		50	(0%-30%)		
**4cmx	2.00		0.664		0.886	ug/L			44	(29%-119%)		
**Decachlorobiphenyl	2.00		0.549		0.861	ug/L			43	(43%-140%)		
Spectrometric Analysis												
Batch 2966917												
QC1206417242 769625001 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A				BR2	03/24/26 18:33
QC1206417244 769625011 DUP												
Hexavalent Chromium		U	ND	U	ND	mg/L	N/A					03/24/26 18:33
QC1206417241 LCS												
Hexavalent Chromium	0.0472				0.0503	mg/L			107	(85%-115%)		03/24/26 18:33

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2966917											
QC1206417240 MB											
Hexavalent Chromium				U	ND	mg/L				BR2	03/24/26 18:33
QC1206417243 769625001 MS											
Hexavalent Chromium	0.0472	U	ND		0.0514	mg/L		107	(85%-115%)		03/24/26 18:33
QC1206417245 769625011 MS											
Hexavalent Chromium	0.0472	U	ND		0.0607	mg/L		129*	(85%-115%)		03/24/26 18:33
Volatile-GC/MS											
Batch 2971014											
QC1206424674 LCS											
1,1,1-Trichloroethane	50.0				48.3	ug/L		97	(70%-130%)	JM6	04/01/26 11:14
1,1,2,2-Tetrachloroethane	50.0				44.3	ug/L		89	(70%-130%)		
1,1,2-Trichloroethane	50.0				46.0	ug/L		92	(70%-130%)		
1,1-Dichloroethane	50.0				47.8	ug/L		96	(70%-130%)		
1,1-Dichloroethylene	50.0				49.7	ug/L		99	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				46.8	ug/L		94	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				46.8	ug/L		94	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				49.5	ug/L		99	(70%-130%)		
1,2-Dibromoethane	50.0				47.9	ug/L		96	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
1,2-Dichlorobenzene	50.0			45.1	ug/L		90	(70%-130%)	JM6	04/01/26 11:14
1,2-Dichloroethane	50.0			45.7	ug/L		91	(70%-130%)		
1,2-Dichloropropane	50.0			46.0	ug/L		92	(70%-130%)		
1,3-Dichlorobenzene	50.0			45.9	ug/L		92	(70%-130%)		
1,4-Dichlorobenzene	50.0			44.9	ug/L		90	(70%-130%)		
2-Butanone	250			214	ug/L		86	(70%-130%)		
2-Hexanone	250			222	ug/L		89	(70%-130%)		
4-Methyl-2-pentanone	250			224	ug/L		90	(70%-130%)		
Acetone	250			240	ug/L		96	(70%-130%)		
Benzene	50.0			45.6	ug/L		91	(70%-130%)		
Bromochloromethane	50.0			46.9	ug/L		94	(70%-130%)		
Bromodichloromethane	50.0			47.7	ug/L		95	(70%-130%)		
Bromoform	50.0			50.0	ug/L		100	(70%-130%)		
Bromomethane	50.0			42.0	ug/L		84	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Carbon disulfide	250			245	ug/L		98	(70%-130%)	JM6	04/01/26 11:14
Carbon tetrachloride	50.0			49.6	ug/L		99	(70%-130%)		
Chlorobenzene	50.0			45.6	ug/L		91	(70%-130%)		
Chloroethane	50.0			42.7	ug/L		85	(70%-130%)		
Chloroform	50.0			46.8	ug/L		94	(70%-130%)		
Chloromethane	50.0			37.6	ug/L		75	(70%-130%)		
Cyclohexane	50.0			46.8	ug/L		94	(70%-130%)		
Dibromochloromethane	50.0			48.8	ug/L		98	(70%-130%)		
Dichlorodifluoromethane	50.0			35.1	ug/L		70	(70%-130%)		
Ethylbenzene	50.0			46.1	ug/L		92	(70%-130%)		
Isopropylbenzene	50.0			47.8	ug/L		96	(70%-130%)		
Methyl acetate	250			223	ug/L		89	(70%-130%)		
Methylcyclohexane	50.0			47.5	ug/L		95	(70%-130%)		
Methylene chloride	50.0		B	44.0	ug/L		88	(70%-130%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Styrene	50.0			46.8	ug/L		94	(70%-130%)	JM6	04/01/26 11:14
Tetrachloroethylene	50.0			47.3	ug/L		95	(70%-130%)		
Toluene	50.0			45.7	ug/L		91	(70%-130%)		
Trichloroethylene	50.0			48.3	ug/L		97	(70%-130%)		
Trichlorofluoromethane	50.0			39.5	ug/L		79	(70%-130%)		
Vinyl chloride	50.0			40.1	ug/L		80	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			50.5	ug/L		101	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			48.4	ug/L		97	(70%-130%)		
m,p-Xylenes	100			91.3	ug/L		91	(70%-130%)		
o-Xylene	50.0			45.2	ug/L		90	(70%-130%)		
tert-Butyl methyl ether	50.0			45.5	ug/L		91	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			47.8	ug/L		96	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			47.5	ug/L		95	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			47.7	ug/L		95	(71%-131%)		

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
**Bromofluorobenzene	50.0			49.0	ug/L		98	(77%-123%)	JM6	04/01/26 11:14
**Toluene-d8	50.0			49.5	ug/L		99	(77%-121%)		
QC1206424675 LCS										
1,4-Dioxane	2500			2310	ug/L		92	(70%-130%)		04/01/26 11:39
Trichlorotrifluoroethane	250			224	ug/L		90	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			49.4	ug/L		99	(71%-131%)		
**Bromofluorobenzene	50.0			49.7	ug/L		99	(77%-123%)		
**Toluene-d8	50.0			49.4	ug/L		99	(77%-121%)		
QC1206424676 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/01/26 12:56
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2971014											
1,2-Dibromo-3-chloropropane			U	ND	ug/L				JM6	04/01/26	12:56
1,2-Dibromoethane			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,2-Dichloroethane			U	ND	ug/L						
1,2-Dichloropropane			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						
1,4-Dichlorobenzene			U	ND	ug/L						
1,4-Dioxane			U	ND	ug/L						
2-Butanone			U	ND	ug/L						
2-Hexanone			U	ND	ug/L						
4-Methyl-2-pentanone			U	ND	ug/L						
Acetone			U	ND	ug/L						
Benzene			U	ND	ug/L						
Bromochloromethane			U	ND	ug/L						

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Bromodichloromethane			U	ND	ug/L				JM6	04/01/26 12:56
Bromoform			U	ND	ug/L					
Bromomethane			U	ND	ug/L					
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2971014										
Methyl acetate			U	ND	ug/L				JM6	04/01/26 12:56
Methylcyclohexane			U	ND	ug/L					
Methylene chloride			J	1.13	ug/L					
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
tert-Butyl methyl ether				U	ND	ug/L				JM6	04/01/26 12:56
trans-1,2-Dichloroethylene				U	ND	ug/L					
trans-1,3-Dichloropropylene				U	ND	ug/L					
**1,2-Dichloroethane-d4	50.0				53.1	ug/L		106	(71%-131%)		
**Bromofluorobenzene	50.0				51.4	ug/L		103	(77%-123%)		
**Toluene-d8	50.0				52.0	ug/L		104	(77%-121%)		
QC1206424677 769603002 MS											
1,1,1-Trichloroethane	50.0	U	ND		42.5	ug/L		85	(60%-123%)		04/01/26 19:42
1,1,2,2-Tetrachloroethane	50.0	U	ND		42.2	ug/L		84	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		43.1	ug/L		86	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		43.2	ug/L		86	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		45.9	ug/L		92	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		41.1	ug/L		82	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		41.1	ug/L		82	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		46.4	ug/L		93	(49%-133%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
1,2-Dibromoethane	50.0	U	ND		44.4	ug/L		89	(66%-125%)	JM6	04/01/26 19:42
1,2-Dichlorobenzene	50.0	U	ND		41.0	ug/L		82	(58%-123%)		
1,2-Dichloroethane	50.0	U	ND		42.2	ug/L		84	(58%-130%)		
1,2-Dichloropropane	50.0	U	ND		41.4	ug/L		83	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		40.2	ug/L		80	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		39.3	ug/L		79	(54%-123%)		
2-Butanone	250	U	ND		205	ug/L		82	(59%-136%)		
2-Hexanone	250	U	ND		210	ug/L		84	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		211	ug/L		85	(63%-135%)		
Acetone	250	U	ND		205	ug/L		82	(50%-140%)		
Benzene	50.0	U	ND		40.5	ug/L		81	(64%-119%)		
Bromochloromethane	50.0	U	ND		42.9	ug/L		86	(63%-130%)		
Bromodichloromethane	50.0	U	ND		42.6	ug/L		85	(65%-125%)		
Bromoform	50.0	U	ND		44.3	ug/L		89	(49%-129%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Bromomethane	50.0	U	ND		38.3	ug/L		77	(55%-154%)	JM6	04/01/26 19:42
Carbon disulfide	250	U	ND		214	ug/L		86	(60%-139%)		
Carbon tetrachloride	50.0	U	ND		43.3	ug/L		87	(60%-127%)		
Chlorobenzene	50.0	U	ND		40.5	ug/L		81	(61%-120%)		
Chloroethane	50.0	U	ND		39.1	ug/L		78	(60%-138%)		
Chloroform	50.0	U	ND		42.2	ug/L		84	(64%-122%)		
Chloromethane	50.0	U	ND		34.0	ug/L		68	(43%-161%)		
Cyclohexane	50.0	U	ND		40.7	ug/L		81	(51%-125%)		
Dibromochloromethane	50.0	U	ND		43.9	ug/L		88	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		25.8	ug/L		52	(37%-162%)		
Ethylbenzene	50.0	U	ND		41.0	ug/L		82	(57%-122%)		
Isopropylbenzene	50.0	U	ND		43.3	ug/L		87	(53%-128%)		
Methyl acetate	250	U	ND		207	ug/L		83	(58%-145%)		
Methylcyclohexane	50.0	U	ND		39.7	ug/L		79	(58%-122%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
Methylene chloride	50.0	BJ	0.710	B	40.5	ug/L		80	(61%-135%)	JM6	04/01/26 19:42
Styrene	50.0	U	ND		41.3	ug/L		83	(55%-125%)		
Tetrachloroethylene	50.0	U	ND		40.7	ug/L		81	(53%-124%)		
Toluene	50.0	U	ND		40.8	ug/L		82	(60%-120%)		
Trichloroethylene	50.0	U	ND		42.7	ug/L		85	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		36.0	ug/L		72	(51%-134%)		
Vinyl chloride	50.0	U	ND		34.7	ug/L		69	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		44.8	ug/L		90	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		41.9	ug/L		84	(61%-123%)		
m,p-Xylenes	100	U	ND		80.1	ug/L		80	(58%-122%)		
o-Xylene	50.0	U	ND		41.0	ug/L		82	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		42.3	ug/L		85	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	J	0.380		43.2	ug/L		86	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		41.4	ug/L		83	(62%-127%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
**1,2-Dichloroethane-d4	50.0		54.2		50.1	ug/L		100	(71%-131%)	JM6	04/01/26 19:42
**Bromofluorobenzene	50.0		52.2		50.3	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		50.2	ug/L		100	(77%-121%)		
QC1206424679 769603002 MS											
1,4-Dioxane	2500	U	ND		2250	ug/L		90	(50%-136%)		04/01/26 20:33
Trichlorotrifluoroethane	250	U	ND		202	ug/L		81	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		54.2		50.8	ug/L		102	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.4	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		49.9	ug/L		100	(77%-121%)		
QC1206424678 769603002 MSD											
1,1,1-Trichloroethane	50.0	U	ND		42.3	ug/L	1	85	(0%-20%)		04/01/26 20:08
1,1,2,2-Tetrachloroethane	50.0	U	ND		41.7	ug/L	1	83	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		42.2	ug/L	2	84	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		42.5	ug/L	1	85	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		45.6	ug/L	1	91	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		43.1	ug/L	5	86	(0%-20%)		

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2971014												
1,2,4-Trichlorobenzene	50.0	U	ND		43.1	ug/L	5	86	(0%-20%)	JM6	04/01/26	20:08
1,2-Dibromo-3-chloropropane	50.0	U	ND		50.3	ug/L	8	101	(0%-20%)			
1,2-Dibromoethane	50.0	U	ND		44.4	ug/L	0	89	(0%-20%)			
1,2-Dichlorobenzene	50.0	U	ND		41.2	ug/L	1	82	(0%-20%)			
1,2-Dichloroethane	50.0	U	ND		42.5	ug/L	1	85	(0%-20%)			
1,2-Dichloropropane	50.0	U	ND		41.8	ug/L	1	84	(0%-20%)			
1,3-Dichlorobenzene	50.0	U	ND		40.3	ug/L	0	81	(0%-20%)			
1,4-Dichlorobenzene	50.0	U	ND		39.5	ug/L	1	79	(0%-20%)			
2-Butanone	250	U	ND		207	ug/L	1	83	(0%-20%)			
2-Hexanone	250	U	ND		211	ug/L	0	84	(0%-20%)			
4-Methyl-2-pentanone	250	U	ND		211	ug/L	0	84	(0%-20%)			
Acetone	250	U	ND		211	ug/L	3	84	(0%-20%)			
Benzene	50.0	U	ND		40.4	ug/L	0	81	(0%-20%)			
Bromochloromethane	50.0	U	ND		43.4	ug/L	1	87	(0%-20%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2971014												
Bromodichloromethane	50.0	U	ND		43.3	ug/L	2	87	(0%-20%)	JM6	04/01/26	20:08
Bromoform	50.0	U	ND		44.2	ug/L	0	88	(0%-20%)			
Bromomethane	50.0	U	ND		41.6	ug/L	8	83	(0%-20%)			
Carbon disulfide	250	U	ND		215	ug/L	1	86	(0%-20%)			
Carbon tetrachloride	50.0	U	ND		43.0	ug/L	1	86	(0%-20%)			
Chlorobenzene	50.0	U	ND		40.4	ug/L	0	81	(0%-20%)			
Chloroethane	50.0	U	ND		42.2	ug/L	7	84	(0%-20%)			
Chloroform	50.0	U	ND		42.3	ug/L	0	85	(0%-20%)			
Chloromethane	50.0	U	ND		35.9	ug/L	6	72	(0%-20%)			
Cyclohexane	50.0	U	ND		40.7	ug/L	0	81	(0%-20%)			
Dibromochloromethane	50.0	U	ND		44.0	ug/L	0	88	(0%-20%)			
Dichlorodifluoromethane	50.0	U	ND		28.8	ug/L	11	58	(0%-20%)			
Ethylbenzene	50.0	U	ND		41.0	ug/L	0	82	(0%-20%)			
Isopropylbenzene	50.0	U	ND		43.1	ug/L	0	86	(0%-20%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2971014												
Methyl acetate	250	U	ND		206	ug/L	0	83	(0%-20%)	JM6	04/01/26	20:08
Methylcyclohexane	50.0	U	ND		40.8	ug/L	3	82	(0%-20%)			
Methylene chloride	50.0	BJ	0.710	B	40.6	ug/L	0	80	(0%-20%)			
Styrene	50.0	U	ND		41.3	ug/L	0	83	(0%-20%)			
Tetrachloroethylene	50.0	U	ND		40.9	ug/L	0	82	(0%-20%)			
Toluene	50.0	U	ND		40.7	ug/L	0	81	(0%-20%)			
Trichloroethylene	50.0	U	ND		42.6	ug/L	0	85	(0%-20%)			
Trichlorofluoromethane	50.0	U	ND		38.5	ug/L	7	77	(0%-20%)			
Vinyl chloride	50.0	U	ND		37.9	ug/L	9	76	(0%-20%)			
cis-1,2-Dichloroethylene	50.0	U	ND		44.5	ug/L	1	89	(0%-20%)			
cis-1,3-Dichloropropylene	50.0	U	ND		42.4	ug/L	1	85	(0%-20%)			
m,p-Xylenes	100	U	ND		79.5	ug/L	1	79	(0%-20%)			
o-Xylene	50.0	U	ND		40.7	ug/L	1	81	(0%-20%)			
tert-Butyl methyl ether	50.0	U	ND		42.4	ug/L	0	85	(0%-20%)			

QC Summary

Workorder: **769625**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2971014											
trans-1,2-Dichloroethylene	50.0	J	0.380		43.2	ug/L	0	86	(0%-20%)	JM6	04/01/26 20:08
trans-1,3-Dichloropropylene	50.0	U	ND		41.6	ug/L	0	83	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.2		49.9	ug/L		100	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.4	ug/L		101	(77%-123%)		
**Toluene-d8	50.0		50.9		49.6	ug/L		99	(77%-121%)		
QC1206424680 769603002 MSD											
1,4-Dioxane	2500	U	ND		2180	ug/L	3	87	(0%-20%)		04/01/26 20:59
Trichlorotrifluoroethane	250	U	ND		191	ug/L	6	76	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		54.2		50.7	ug/L		101	(71%-131%)		
**Bromofluorobenzene	50.0		52.2		50.2	ug/L		100	(77%-123%)		
**Toluene-d8	50.0		50.9		49.7	ug/L		99	(77%-121%)		

Notes:

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
P	P	Organics--The concentrations between the primary and confirmation columns/detectors is >40% different. For HPLC, the difference is >70%.
J	J	Value is estimated
E	E	Concentration of the target analyte exceeds the instrument calibration range
h	h	Preparation or preservation holding time was exceeded
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
B	B	The target analyte was detected in the associated blank.

QC Summary

Workorder: **769625**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

PO Number:
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon (ELP26-0217)
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number: 769625

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: ~~Groundwater and Surface Water Sampling~~ Liberty Steel
Address: ~~2040 Savage Road, Charleston, SC 29407~~ Georgetown, SC
Collected By: Heath Lowry
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify):

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

Sample ID (Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	(7) Should this sample be considered: Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved) *	Hexavalent Chromium (Dissolved) *	Trip Blank	DI Water			< (6) Preservative Type	Comments Note: extra sample is required for sample specific QC
									HA	Ø	NI	Ø	NI	Ø						
LS-SW-01	3-24-26	0835	*N	G	SW			9	3	2	1	1	1	1						
LS-SW-05	3-24-26	0912	*N	G	SW			9	3	2	1	1	1	1						*Dissolved Total TAL Metals and Hg Field Filtered
																				*Dissolved Hexavalent Chromium Field Filtered

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Heath Lowry	3/24/26	1445		3-24-26	1445
2		3-24-26	1640		3.24.26	1640
3						

Select Deliverable: [ ] Results and QC Summary [ ]Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246712
For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: ____ °C
For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB) | Matrix Spike (MS)
Field Reagent Blank | Matrix Spike Duplicate (MSD)
Field Duplicate (DUP) | Composite (C)
Trip Blank (TB) | Grab (G)

(4) Matrix Codes
Biosolid (SB) | Leachate (L) | Soil (SO) | Urine (U)
Concrete (C) | Misc Liquid (ML) | Solid Waste (SS) | Vegetation (V)
Drinking Water (DW) | Oil (O) | Storm Water (WS) | Waste Water (WW)
Fecal (FC) | Sediment (SD) | Surface Water (SW) | Water (W)
Filter (F) | Sludge (SL) | Tissue (T) | Wipe (P)
Groundwater (GW)

(6) Preservative Type
Ammonium Acetate (AM) | Nitric Acid (NI) | Sodium Thiosulfate (ST)
Ascorbic Acid (AA) | Sodium Hydroxide (SH) | Sulfuric Acid (SA)
Hexane (HX) | Sodium Bisulfate (SBA) | Trizma (TZ)
Hydrochloric Acid (HA) | Sodium Bisulfite SBI) | Zinc Acetate (ZA)
Methanol (ME)
Leave blank if no preservative is added.

(7) Radioactive * If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.*****

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals
Arsenic (As) | Chromium (Cr) | Selenium (Se)
Barium (Ba) | Lead (Pb) | Silver (Ag)
Cadmium (Cd) | Mercury (Hg) | Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous?
Yes [ ] No [ ]

Characteristic
Flammable/Ignitable (FL)
Corrosive (CO)
Reactive (RE)
TSCA Regulated
Polychlorinated biphenyls (PCB)

Listed Waste
Listed Waste (LW)
(F,K,P and U-listed wastes.)
Waste code(s):

Other
Other / Unknown (OT)
(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns.

5 of 5

PO Number: _____
Project #: RVDE00425C
GEL Quote #: Client pickup by Noon GELP26-0217
GEL Project Manager: Julie Robinson

GEL Laboratories LLC
CHEMISTRY RADIOCHEMISTRY RADIOBIOASSAY SPECIALTY ANALYTICS
843.556.8171 | 2040 Savage Road | Charleston, SC 29407 | gel.com

Chain of Custody and Analytical Record
(1) COC Number :
Page: 1.0 of 1
GEL Work Order Number:

GEL Client Name: Robby Gardner
Phone Number: 843.769.7378
Project/Site Name: ~~Groundwater and Surface Water Sampling~~ Liberty Steel
Address: ~~2040 Savage Road, Charleston, SC 29407~~ Georgetown, SC
Collected By: Heath Lowry
Send Results To: robert.gardner@gel.com

Turn Around Time Requested. Rush subject to surcharge.
Standard: ✓
Rush (Specify): _____

(5) Sample Analysis Requested
Enter Analysis Requested like 8270 PAH or 6010 Metals

Enter total number of container(s) per test below the request on line that corresponds with the sample ID.

Sample ID Each ID listed will be reported as a unique sample unless otherwise instructed. * For composites - indicate start and stop date/time	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	(2) Field Filtered	(3) QC Code	(4) Sample Matrix	(7) Should this sample be considered: Radioactive (Y or N)	(8) Known or possible Hazards	Total number of containers	TCL PCBs	Cyanide	TCL VOCs	TCL SVOCs	Total TAL Metals and Hg	Hexavalent Chromium	Total TAL Metals and Hg (Dissolved)	Hexavalent Chromium (Dissolved)	Trip Blank	TCL Pesticides	< (6) Preservative Type
			Ø	SH	HA	Ø	NI	Ø	NI	O		Ø	
LS-TW-13	3-24-26	1055	*N	G	GW			9			3	2	1	1	1	1			*Total TAL Metals and
LS-TW-02	↓	1218	↓	↓	↓			14	2	1	3	2	1	1	1	1		2	Hg (Dissolved) ↓
LS-TW-10		1400						9			3	2	1	1	1	1			Hexavalent chromium
LS-TW-10-DP		1410		DUP				9			3	2	1	1	1	1			(Dissolved) are
																			both field filtered

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	Heath Lowry	3/24/26	1445	[signature]	3-24-26	1445
2	[signature]	3-24-26	1640	[signature]	3.24.26	1640
3						

Select Deliverable: [ ] Results and QC Summary [ ]Calibration Summary [ ] Raw Data [ ] Standards Traceability
EDD Required? [ ] If yes, specify type.
Required Certification:
Sample Collection Time Zone: [✓] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:
Additional Remarks: 246869

For Lab Receiving Use Only: Custody Seal Intact? [ ] Yes [ ] No Cooler Temp: _____°C

For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

(1) Chain of Custody Number
Client Determined

(2) Field Filtered
For liquid matrices, indicate with a Y for yes the sample was field filtered.

(3) QC Codes
Equipment Blank (EB), Field Reagent Blank, Field Duplicate (DUP), Trip Blank (TB), Matrix Spike (MS), Matrix Spike Duplicate (MSD), Composite (C), Grab (G)

(4) Matrix Codes
Biosolid (SB), Concrete (C), Drinking Water (DW), Fecal (FC), Filter (F), Groundwater (GW), Leachate (L), Misc Liquid (ML), Oil (O), Sediment (SD), Sludge (SL), Soil (SO), Solid Waste (SS), Surface Water (SW), Tissue (T), Urine (U), Vegetation (V), Water (W), Wastewater (WW), Wipe (P)

(6) Preservative Type
Ammonium Acetate (AM), Ascorbic Acid (AA), Hexane (HX), Hydrochloric Acid (HA), Methanol (ME), Nitric Acid (NI), Sodium Hydroxide (SH), Sodium Bisulfate (SBA), Sodium Bisulfite SBI), Sulfuric Acid (SA), Trizma (TZ), Zinc Acetate (ZA)
Leave blank if no preservative is added.

(7) Radioactive * If yes, email rso@gel.com prior to shipment for approval. Isotopic data should be included in the email and with the sample shipment.*****

(8) Known or Possible Hazards
Identify the "Source of the Sample" material
(e.g., NPDES discharge, waste material, stormwater, groundwater, Superfund Site etc.)

RCRA Metals: Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg), Selenium (Se), Silver (Ag), Misc. RCRA (MR)
Is this sample known or suspected to be RCRA Hazardous? *Yes [ ] No [ ]*

Characteristic: Flammable/Ignitable (FL), Corrosive (CO), Reactive (RE)
TSCA Regulated: **Polychlorinated biphenyls (PCB)**

Listed Waste: Listed Waste (LW) *(F,K,P and U-listed wastes.)* ***Waste code(s):***

Other: Other / Unknown (OT) *(i.e.: asbestos, beryllium, High/low pH, irritants, other misc. health hazards, etc.)* ***Description:***

Please provide any additional details below regarding handling and/or disposal concerns.

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 769625	GEL PM:
Received By: Joel Boatwright	Date Received at GEL: 3.24.26	
Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services (Courier) Client Other:	IR Temp gun # IR3-25 Daily Calibration Performed? (Y)N	

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (le radiochem only).
Cooler 1	4				
Cooler 2	4				
Cooler 3	2				
Cooler 4	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): 0 (CPM) mR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes✓ No___ NA___ Sample IDs and containers affected:
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials GS Date 3/25/26

☐ Continuation Form Required when selected

GL-CHL-SR-001 Rev 8

List of current GEL Certifications as of 30 April 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 769625

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2971014

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625003	LS-SW-05
769625005	LS-TW-13
769625007	LS-TW-02
769625009	LS-TW-10
769625011	LS-TW-10 DP
1206424674	Laboratory Control Sample (LCS) **Batch 2971014**
1206424675	Laboratory Control Sample (LCS)
1206424676	Method Blank (MB)
1206424677	769603002(NonSDG) Matrix Spike (MS)
1206424678	769603002(NonSDG) Matrix Spike Duplicate (MSD)
1206424679	769603002(NonSDG) Matrix Spike (MS)
1206424680	769603002(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Blank (MB) Statement
Target analytes were detected in the blank (See Below) below the reporting limit. The associated data are qualified accordingly and reported.

Sample	Analyte	Value
1206424676 (MB)	Methylene chloride	1.13 ug/L between (0.5 - 5)

Miscellaneous Information

Manual Integrations
Some initial calibration standards, continuing calibration standards, and/or samples may have required manual integrations due to software limitations.

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2967841

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2967840

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625003	LS-SW-05
769625005	LS-TW-13
769625007	LS-TW-02
769625009	LS-TW-10
769625011	LS-TW-10 DP
1206418798	Method Blank (MB) **Batch 2967841**
1206418799	Laboratory Control Sample (LCS)
1206418800	769680001(NonSDG) Matrix Spike (MS)
1206418801	769680001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries

Sample (See Below) did not meet surrogate recovery acceptance criteria. The sample was re-extracted out of holding and passed surrogate recovery acceptance criteria. As the sample results confirmed, the lab reported the in holding results.

Sample	Analyte	Value
769625011 (LS-TW-10 DP)	2, 4, 6-Tribromophenol	27* (28%-113%)
	2-Fluorophenol	13* (15%-72%)
	Phenol-d5	11* (15%-85%)
	p-Terphenyl-d14	12* (20%-118%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206418799 (LCS)	Hexachlorocyclopentadiene	28* (31%-64%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 25
Analytical Batch: 2966985

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2966984

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625007	LS-TW-02
1206417360	Method Blank (MB) **Batch 2966985**
1206417361	Laboratory Control Sample (LCS)
1206417362	769481001(NonSDG) Matrix Spike (MS)
1206417363	769481001(NonSDG) Matrix Spike Duplicate (MSD)
1206417364	Laboratory Control Sample (LCS)
1206417365	Laboratory Control Sample (LCS)
1206417366	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification (CCV) Requirements
Calibration verification standard (ICV or CCV) requirements have not been met for sample 769625007 (LS-TW-02) in this batch in this SDG. One or more target analytes failed acceptance criteria with a positive bias in the standards bracketing the samples in this SDG. These target analytes were not detected above the PQL in the associated environmental samples; therefore, the non-compliance had no adverse effect on the data.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) did not meet acceptance criteria for surrogate recovery. There was no more sample aliquot available for re-extraction; therefore, the data were reported.

Sample	Analyte	Value
769625007 (LS-TW-02)	Decachlorobiphenyl	10* (43%-140%)

Laboratory Control Sample (LCS/LCSD) Recovery

There is no more SC sample available for re-extraction.

Sample	Analyte	Value
1206417361 (LCS)	Aldrin	67* (70%-130%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits due to the large difference between the individual recoveries in each MS and MSD analyte pair.

Sample	Analyte	Value
1206417362MS and 1206417363MSD (Non SDG 769481001)	4, 4’-DDD	RPD 40* (0%-30%)
	4, 4’-DDE	RPD 35* (0%-30%)
	4, 4’-DDT	RPD 32* (0%-30%)
	Aldrin	RPD 39* (0%-30%)
	Dieldrin	RPD 57* (0%-30%)
	Endosulfan II	RPD 39* (0%-30%)
	Endosulfan sulfate	RPD 40* (0%-30%)
	Endrin	RPD 39* (0%-30%)
	Endrin aldehyde	RPD 40* (0%-30%)
	Endrin ketone	RPD 42* (0%-30%)
	Methoxychlor	RPD 39* (0%-30%)
	alpha-BHC	RPD 49* (0%-30%)
	beta-BHC	RPD 42* (0%-30%)
	cis-Chlordane	RPD 33* (0%-30%)
	delta-BHC	RPD 44* (0%-30%)
	gamma-BHC (Lindane)	RPD 45* (0%-30%)

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3535A/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2969573

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2969572

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625007	LS-TW-02
1206421894	Method Blank (MB) **Batch 2969573**
1206421895	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations
Samples 1206421894 (MB) and 1206421895 (LCS) required manual integration to correctly position the baseline as set in the calibration standard injections and to properly identify one or more peaks.

Additional Comments
A set of MS/MSD analysis was performed in this batch; however, the MS/MSD results were not reported because the parent sample was re-extracted and reported in another batch.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2967014

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2967013

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625002	LS-SW-01 Field Filtered
769625003	LS-SW-05
769625004	LS-SW-05 Field Filtered
769625005	LS-TW-13
769625006	LS-TW-13 Field Filtered
769625007	LS-TW-02
769625008	LS-TW-02 Field Filtered
769625009	LS-TW-10
769625010	LS-TW-10 Field Filtered
769625011	LS-TW-10 DP
769625012	LS-TW-10 DP Field Filtered
1206417411	Method Blank (MB)**ICP Batch 2967014**
1206417412	Laboratory Control Sample (LCS)
1206417416	769625001(LS-SW-01L) Serial Dilution (SD)
1206417413	769625001(LS-SW-01S) Matrix Spike (MS)
1206417414	769625001(LS-SW-01SD) Matrix Spike Duplicate (MSD)
1206417415	769625001(LS-SW-01PS) Post Spike (PS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike recovery was within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recovery may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206417413 (LS-SW-01MS)	Iron	74.2* (75%-125%)

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 42
Analytical Batch: 2967072

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2967069

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625002	LS-SW-01 Field Filtered
769625003	LS-SW-05
769625004	LS-SW-05 Field Filtered
769625005	LS-TW-13
769625006	LS-TW-13 Field Filtered
769625007	LS-TW-02
769625008	LS-TW-02 Field Filtered
769625009	LS-TW-10
769625010	LS-TW-10 Field Filtered
769625011	LS-TW-10 DP
769625012	LS-TW-10 DP Field Filtered
1206417512	Method Blank (MB)**CVAA Batch 2967072**
1206417513	Laboratory Control Sample (LCS)
1206417514	769473001(NonSDGD) Sample Duplicate (DUP)
1206417515	769473001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2971830

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2971825

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625007	LS-TW-02
1206426028	Method Blank (MB) **Batch 2971830**
1206426029	Laboratory Control Sample (LCS)

1206426030	769481004(NonSDG) Sample Duplicate (DUP)
1206426031	769481004(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2966917

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
769625001	LS-SW-01
769625002	LS-SW-01 Field Filtered
769625003	LS-SW-05
769625004	LS-SW-05 Field Filtered
769625005	LS-TW-13
769625006	LS-TW-13 Field Filtered
769625007	LS-TW-02
769625008	LS-TW-02 Field Filtered
769625009	LS-TW-10
769625010	LS-TW-10 Field Filtered
769625011	LS-TW-10 DP
769625012	LS-TW-10 DP Field Filtered
1206417240	Method Blank (MB) **Batch 2966917**
1206417241	Laboratory Control Sample (LCS)
1206417242	769625001(LS-SW-01) Sample Duplicate (DUP)
1206417243	769625001(LS-SW-01) Matrix Spike (MS)
1206417244	769625011(LS-TW-10 DP) Sample Duplicate (DUP)
1206417245	769625011(LS-TW-10 DP) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS)/Post Spike (PS) Recovery Statement
The percent recoveries (%R) obtained from the spike analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The matrix spike recovered outside of the established acceptance limits due to matrix interference and/or non-homogeneity.

Analyte	Sample	Value

Hexavalent Chromium	1206417245 (LS-TW-10 DPMS)	129* (85%-115%)

Technical Information

Sample Dilutions

The following samples 1206417244 (LS-TW-10 DPDUP), 1206417245 (LS-TW-10 DPMS), 769625005 (LS-TW-13), 769625009 (LS-TW-10) and 769625011 (LS-TW-10 DP) in this sample group were diluted due to matrix interference. Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range.

Analyte	**769625**		
	005	**009**	**011**
Hexavalent Chromium	5X	5X	5X

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

GEL Laboratories LLC
a member of The GEL Group INC

2040 Savage Road | Charleston, SC 29407
843.556.8171

gel.com

May 04, 2026

Robert MacPhee
GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Re: Liberty Steel VCC Sampling
Work Order: 771803

Dear Robert MacPhee:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 09, 2026. This revised data report has been prepared and reviewed in accordance with GEL's standard operating procedures. This report replaces the original version which is noted as SDG number 771803 in the left-hand footer of the data report. This package has been revised to add "Field Filtered" to the dissolved sample ID names and correct the ID name for sample 771803012.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Containers were checked for pH, where appropriate, and matched the preservative as documented on the accompanying chain of custody. Shipping container temperature was within specification (0 - 6C). Samples were received within the specified holding time. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at www.gel.com.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4289.

Sincerely,

Caitlyn Mettetal for
Julie Robinson
Project Manager

Purchase Order: GELP26-0217
Enclosures

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

GEEL003 GEL Engineering, LLC

Client SDG: 771803 GEL Work Order: 771803

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a Tracer compound

** Analyte is a surrogate compound

E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria

J Value is estimated

N/A RPD or %Recovery limits do not apply.

Q ISO17025 / NELAC accredited; SC certification not held at time of analysis

Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.

U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

h Preparation or preservation holding time was exceeded

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Julie Robinson.



Reviewed by _____

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040926
Sample ID: 771803001
Matrix: Water
Collect Date: 09-APR-26 07:30
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1414	2981765	1
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-TB-040926 Project: RVDE00226C
Sample ID: 771803001 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	1.19	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.3 ug/L	50.0	105	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	61.4 ug/L	50.0	123	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.7 ug/L	50.0	107	(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04
Sample ID: 771803002
Matrix: Ground Water
Collect Date: 09-APR-26 12:10
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Flow Injection Analysis												
SW9012B Cyanide, Total "As Received"												
Cyanide, Total	U	ND	1.67	5.00	ug/L	1.00	1	CH9	04/21/26	1430	2976226	1
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1051	2976537	2
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1053	2975549	3
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		20.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		39500	50.0	200	ug/L	1.00	1					
Chromium	J	1.88	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	J	7.35	3.00	20.0	ug/L	1.00	1					
Iron	J	62.2	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		10500	110	300	ug/L	1.00	1					
Manganese		31.0	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		3970	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		8940	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	10.8	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.81	9.38	ug/L	0.000938	1	LL2	04/16/26	1907	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4,5-Trichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4,6-Trichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dichlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dimethylphenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2,4-Dinitrophenol	U	ND	4.69	18.8	ug/L	0.000938	1					
2,4-Dinitrotoluene	U	ND	2.81	9.38	ug/L	0.000938	1					
2,6-Dinitrotoluene	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Chloronaphthalene	U	ND	0.385	0.938	ug/L	0.000938	1					
2-Chlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
2-Methylnaphthalene	U	ND	0.281	0.938	ug/L	0.000938	1					
2-Nitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
3,3'-Dichlorobenzidine	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Bromophenylphenylether	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Chloro-3-methylphenol	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Chloroaniline	U	ND	3.09	9.38	ug/L	0.000938	1					
4-Chlorophenylphenylether	U	ND	2.81	9.38	ug/L	0.000938	1					
4-Nitrophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Acenaphthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Acenaphthylene	U	ND	0.281	0.938	ug/L	0.000938	1					
Acetophenone	U	ND	2.81	9.38	ug/L	0.000938	1					
Anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Atrazine	U	ND	2.81	9.38	ug/L	0.000938	1					
Benzaldehyde	U	ND	2.81	9.38	ug/L	0.000938	1					
Benzo(a)anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(a)pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(b)fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(ghi)perylene	U	ND	0.281	0.938	ug/L	0.000938	1					
Benzo(k)fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Butylbenzylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Carbazole	U	ND	0.281	0.938	ug/L	0.000938	1					
Chrysene	U	ND	0.281	0.938	ug/L	0.000938	1					
Di-n-butylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Di-n-octylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Dibenzo(a,h)anthracene	U	ND	0.281	0.938	ug/L	0.000938	1					
Dibenzofuran	U	ND	2.81	9.38	ug/L	0.000938	1					
Diethylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Dimethylphthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
Diphenylamine	U	ND	2.81	9.38	ug/L	0.000938	1					
Fluoranthene	U	ND	0.281	0.938	ug/L	0.000938	1					
Fluorene	U	ND	0.281	0.938	ug/L	0.000938	1					
Hexachlorobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachlorobutadiene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachlorocyclopentadiene	U	ND	2.81	9.38	ug/L	0.000938	1					
Hexachloroethane	U	ND	2.81	9.38	ug/L	0.000938	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Isophorone	U	ND	3.28	9.38	ug/L	0.000938	1					
N-Nitrosodipropylamine	U	ND	2.81	9.38	ug/L	0.000938	1					
Naphthalene	U	ND	0.281	0.938	ug/L	0.000938	1					
Nitrobenzene	U	ND	2.81	9.38	ug/L	0.000938	1					
Pentachlorophenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Phenanthrene	U	ND	0.281	0.938	ug/L	0.000938	1					
Phenol	U	ND	2.81	9.38	ug/L	0.000938	1					
Pyrene	U	ND	0.281	0.938	ug/L	0.000938	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Chloroethoxy)methane	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Chloroethyl) ether	U	ND	2.81	9.38	ug/L	0.000938	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.281	0.938	ug/L	0.000938	1					
m,p-Cresols	U	ND	3.47	9.38	ug/L	0.000938	1					
m-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
o-Cresol	U	ND	2.81	9.38	ug/L	0.000938	1					
o-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
p-Nitroaniline	U	ND	2.81	9.38	ug/L	0.000938	1					
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1016	U	ND	0.0311	0.0934	ug/L	0.000934	1	JXM	04/17/26	1453	2979246	5
Aroclor-1221	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1232	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1242	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1248	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1254	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1260	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Aroclor-1262	U	ND	0.0311	0.0934	ug/L	0.000934	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatiles-PCB												
SW846 3535A/8082A TCL PCB, Liquid "As Received"												
Aroclor-1268	U	ND	0.0311	0.0934	ug/L	0.000934	1					
Semi-Volatiles-Pesticide												
SW846 3535A/8081B TCL Pesticide, Liquid "As Received"												
4,4'-DDD	U	ND	0.00944	0.0377	ug/L	0.00472	1	YS1	04/17/26	1157	2979097	7
4,4'-DDE	U	ND	0.00944	0.0377	ug/L	0.00472	1					
4,4'-DDT	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Aldrin	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Dieldrin	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endosulfan I	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Endosulfan II	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endosulfan sulfate	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endrin	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Endrin aldehyde	U	ND	0.00627	0.0377	ug/L	0.00472	1					
Endrin ketone	U	ND	0.00944	0.0377	ug/L	0.00472	1					
Heptachlor	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Heptachlor epoxide	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Methoxychlor	U	ND	0.0472	0.189	ug/L	0.00472	1					
Toxaphene	U	ND	0.142	0.472	ug/L	0.00472	1					
alpha-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
beta-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
cis-Chlordane	U	ND	0.00627	0.0189	ug/L	0.00472	1					
delta-BHC	U	ND	0.00627	0.0189	ug/L	0.00472	1					
gamma-BHC (Lindane)	U	ND	0.00627	0.0189	ug/L	0.00472	1					
trans-Chlordane	U	ND	0.00627	0.0189	ug/L	0.00472	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	8
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1440	2981765	9
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	1.00	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene		1.01	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3535A	SW3535A Pesticides SPE Extraction	TH1	04/16/26	1120	2979095
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 9010C Distillation	SW846 9010C Prep	GP1	04/21/26	1347	2976225
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3535A	SW3535A PCB SPE Extraction	DXF4	04/17/26	0530	2979245
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3535A	SW3535A Pesticides SPE Extraction	KC1	04/13/26	1246	2976786

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 9012B	
2	SW846 7470A	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 3535A/8082A	
6	SW846 3535A/8081B	
7	SW846 3535A/8081B	
8	SW846 7196A	
9	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	29.4 ug/L	46.9	63	(31%-100%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-04 Project: RVDE00226C
Sample ID: 771803002 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst Date	Time	Batch	Method
2-Fluorobiphenyl		8270 TCL BNA "As Received"		29.8	ug/L	46.9		63			(32%-102%)
p-Terphenyl-d14		8270 TCL BNA "As Received"		18.8	ug/L	46.9		40			(20%-118%)
2,4,6-Tribromophenol		8270 TCL BNA "As Received"		61.8	ug/L	93.8		66			(28%-113%)
Phenol-d5		8270 TCL BNA "As Received"		19.1	ug/L	93.8		20			(15%-85%)
2-Fluorophenol		8270 TCL BNA "As Received"		28.0	ug/L	93.8		30			(15%-72%)
Decachlorobiphenyl		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.127	ug/L	0.187		68			(30%-135%)
4cmx		SW846 3535A/8082A TCL PCB, Liquid "As Received"		0.144	ug/L	0.187		77			(28%-114%)
4cmx		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.760	ug/L	0.944		81			(29%-119%)
Decachlorobiphenyl		SW846 3535A/8081B TCL Pesticide, Liquid "As Received"		0.764	ug/L	0.944		81			(43%-140%)
Bromofluorobenzene		SW846 8260 TCL Volatiles "As Received"		51.5	ug/L	50.0		103			(77%-123%)
1,2-Dichloroethane-d4		SW846 8260 TCL Volatiles "As Received"		61.6	ug/L	50.0		123			(71%-131%)
Toluene-d8		SW846 8260 TCL Volatiles "As Received"		53.4	ug/L	50.0		107			(77%-121%)

Notes:

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	771803003	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 12:10		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1052	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	U	ND	68.0	200	ug/L	1.00	1	EM2	04/15/26	1107	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		22.1	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		43600	50.0	200	ug/L	1.00	1					
Chromium	J	2.81	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	U	ND	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		11600	110	300	ug/L	1.00	1					
Manganese		33.8	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		4360	50.0	250	ug/L	1.00	1					
Selenium	J	6.35	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		10100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	U	ND	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.21	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-04 Field Filtered	Project:	RVDE00226C
Sample ID:	771803003	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003
Matrix:	Ground Water		
Collect Date:	09-APR-26 13:35		
Receive Date:	09-APR-26		
Collector:	Client		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1054	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	2.26	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1110	2975549	2
Sodium		78000	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		11700	340	1000	ug/L	1.00	5	EM2	04/15/26	1153	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	U	ND	25.0	150	ug/L	1.00	5					
Barium		56.7	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		769000	250	1000	ug/L	1.00	5					
Chromium	J	16.1	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	31.7	15.0	100	ug/L	1.00	5					
Iron		661000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		205000	550	1500	ug/L	1.00	5					
Manganese		33300	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		50500	250	1250	ug/L	1.00	5					
Selenium	J	87.2	30.0	150	ug/L	1.00	5					
Silver	J	9.28	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	65.5	16.5	100	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.84	9.45	ug/L	0.000945	1	LL2	04/16/26	1930	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,5-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4,6-Trichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dichlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dimethylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2,4-Dinitrophenol	U	ND	4.73	18.9	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2,6-Dinitrotoluene	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Chloronaphthalene	U	ND	0.388	0.945	ug/L	0.000945	1					
2-Chlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
2-Methylnaphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
2-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
3,3'-Dichlorobenzidine	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Bromophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloro-3-methylphenol	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Chloroaniline	U	ND	3.12	9.45	ug/L	0.000945	1					
4-Chlorophenylphenylether	U	ND	2.84	9.45	ug/L	0.000945	1					
4-Nitrophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Acenaphthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acenaphthylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Acetophenone	U	ND	2.84	9.45	ug/L	0.000945	1					
Anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Atrazine	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzaldehyde	U	ND	2.84	9.45	ug/L	0.000945	1					
Benzo(a)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(a)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(b)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(ghi)perylene	U	ND	0.284	0.945	ug/L	0.000945	1					
Benzo(k)fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Butylbenzylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Carbazole	U	ND	0.284	0.945	ug/L	0.000945	1					
Chrysene	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-butylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Di-n-octylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzo(a,h)anthracene	U	ND	0.284	0.945	ug/L	0.000945	1					
Dibenzofuran	U	ND	2.84	9.45	ug/L	0.000945	1					
Diethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Dimethylphthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
Diphenylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Fluoranthene	U	ND	0.284	0.945	ug/L	0.000945	1					
Fluorene	U	ND	0.284	0.945	ug/L	0.000945	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorobutadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachlorocyclopentadiene	U	ND	2.84	9.45	ug/L	0.000945	1					
Hexachloroethane	U	ND	2.84	9.45	ug/L	0.000945	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Isophorone	U	ND	3.31	9.45	ug/L	0.000945	1					
N-Nitrosodipropylamine	U	ND	2.84	9.45	ug/L	0.000945	1					
Naphthalene	U	ND	0.284	0.945	ug/L	0.000945	1					
Nitrobenzene	U	ND	2.84	9.45	ug/L	0.000945	1					
Pentachlorophenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Phenanthrene	U	ND	0.284	0.945	ug/L	0.000945	1					
Phenol	U	ND	2.84	9.45	ug/L	0.000945	1					
Pyrene	U	ND	0.284	0.945	ug/L	0.000945	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethoxy)methane	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Chloroethyl) ether	U	ND	2.84	9.45	ug/L	0.000945	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.284	0.945	ug/L	0.000945	1					
m,p-Cresols	U	ND	3.50	9.45	ug/L	0.000945	1					
m-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Cresol	U	ND	2.84	9.45	ug/L	0.000945	1					
o-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
p-Nitroaniline	U	ND	2.84	9.45	ug/L	0.000945	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1505	2981765	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Project: RVDE00226C
Sample ID: 771803004 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.830	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	28.5 ug/L	47.3	60	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.5 ug/L	47.3	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.5 ug/L	47.3	24	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	68.5 ug/L	94.5	73	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	26.6 ug/L	94.5	28	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	29.0 ug/L	94.5	31	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	63.8 ug/L	50.0	128	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.9 ug/L	50.0	108	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22	Project:	RVDE00226C
Sample ID:	771803004	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Lc/LC: Critical Level
PF: Prep Factor
RL: Reporting Limit
SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22 Field Filtered
Sample ID: 771803005
Matrix: Ground Water
Collect Date: 09-APR-26 13:35
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1056	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	1.66	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1113	2975549	2
Sodium		75200	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		7180	340	1000	ug/L	1.00	5	EM2	04/15/26	1156	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	J	31.6	25.0	150	ug/L	1.00	5					
Barium		60.1	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		793000	250	1000	ug/L	1.00	5					
Chromium	J	16.6	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	33.6	15.0	100	ug/L	1.00	5					
Iron		679000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		214000	550	1500	ug/L	1.00	5					
Manganese		35000	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		52800	250	1250	ug/L	1.00	5					
Selenium	J	76.8	30.0	150	ug/L	1.00	5					
Silver	J	7.05	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	61.6	16.5	100	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22 Field Filtered	Project:	RVDE00226C
Sample ID:	771803005	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Matrix: Ground Water
Collect Date: 09-APR-26 13:37
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1057	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	2.18	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1135	2975549	2
Sodium		76700	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		12400	340	1000	ug/L	1.00	5	EM2	04/15/26	1158	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	J	29.2	25.0	150	ug/L	1.00	5					
Barium		61.9	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		836000	250	1000	ug/L	1.00	5					
Chromium	J	24.5	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	36.2	15.0	100	ug/L	1.00	5					
Iron		716000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		223000	550	1500	ug/L	1.00	5					
Manganese		36200	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		54900	250	1250	ug/L	1.00	5					
Selenium	J	149	30.0	150	ug/L	1.00	5					
Silver	J	7.22	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	65.2	16.5	100	ug/L	1.00	5					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.83	9.42	ug/L	0.000942	1	LL2	04/16/26	1953	2977541	4
1,2,4,5-Tetrachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,5-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4,6-Trichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dichlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dimethylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2,4-Dinitrophenol	U	ND	4.71	18.8	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2,6-Dinitrotoluene	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Chloronaphthalene	U	ND	0.386	0.942	ug/L	0.000942	1					
2-Chlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
2-Methylnaphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
2-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
3,3'-Dichlorobenzidine	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Bromophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloro-3-methylphenol	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Chloroaniline	U	ND	3.11	9.42	ug/L	0.000942	1					
4-Chlorophenylphenylether	U	ND	2.83	9.42	ug/L	0.000942	1					
4-Nitrophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Acenaphthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acenaphthylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Acetophenone	U	ND	2.83	9.42	ug/L	0.000942	1					
Anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Atrazine	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzaldehyde	U	ND	2.83	9.42	ug/L	0.000942	1					
Benzo(a)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(a)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(b)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(ghi)perylene	U	ND	0.283	0.942	ug/L	0.000942	1					
Benzo(k)fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Butylbenzylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Carbazole	U	ND	0.283	0.942	ug/L	0.000942	1					
Chrysene	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-butylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Di-n-octylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzo(a,h)anthracene	U	ND	0.283	0.942	ug/L	0.000942	1					
Dibenzofuran	U	ND	2.83	9.42	ug/L	0.000942	1					
Diethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Dimethylphthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
Diphenylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Fluoranthene	U	ND	0.283	0.942	ug/L	0.000942	1					
Fluorene	U	ND	0.283	0.942	ug/L	0.000942	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorobutadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachlorocyclopentadiene	U	ND	2.83	9.42	ug/L	0.000942	1					
Hexachloroethane	U	ND	2.83	9.42	ug/L	0.000942	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Isophorone	U	ND	3.30	9.42	ug/L	0.000942	1					
N-Nitrosodipropylamine	U	ND	2.83	9.42	ug/L	0.000942	1					
Naphthalene	U	ND	0.283	0.942	ug/L	0.000942	1					
Nitrobenzene	U	ND	2.83	9.42	ug/L	0.000942	1					
Pentachlorophenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Phenanthrene	U	ND	0.283	0.942	ug/L	0.000942	1					
Phenol	U	ND	2.83	9.42	ug/L	0.000942	1					
Pyrene	U	ND	0.283	0.942	ug/L	0.000942	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethoxy)methane	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Chloroethyl) ether	U	ND	2.83	9.42	ug/L	0.000942	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.283	0.942	ug/L	0.000942	1					
m,p-Cresols	U	ND	3.49	9.42	ug/L	0.000942	1					
m-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Cresol	U	ND	2.83	9.42	ug/L	0.000942	1					
o-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
p-Nitroaniline	U	ND	2.83	9.42	ug/L	0.000942	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	J	0.00525	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	5
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1530	2981765	6
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone	U	ND	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.880	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP
Sample ID: 771803006
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/21/26	1309	2982749
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 3510C/8270E	
5	SW846 7196A	
6	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	22.5 ug/L	47.1	48	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	29.2 ug/L	47.1	62	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	8.60 ug/L	47.1	18*	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	49.8 ug/L	94.2	53	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	28.0 ug/L	94.2	30	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	25.7 ug/L	94.2	27	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.2 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	65.2 ug/L	50.0	130	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	54.1 ug/L	50.0	108	(77%-121%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22-DP	Project:	RVDE00226C
Sample ID:	771803006	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-MW-22-DP Field Filtered
Sample ID: 771803007
Matrix: Ground Water
Collect Date: 09-APR-26 13:37
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1059	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Beryllium	J	1.74	1.00	5.00	ug/L	1.00	1	EM2	04/15/26	1137	2975549	2
Sodium		77100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Aluminum		8990	340	1000	ug/L	1.00	5	EM2	04/15/26	1201	2975549	3
Antimony	U	ND	17.5	100	ug/L	1.00	5					
Arsenic	U	ND	25.0	150	ug/L	1.00	5					
Barium		71.2	5.00	25.0	ug/L	1.00	5					
Cadmium	U	ND	5.00	25.0	ug/L	1.00	5					
Calcium		960000	250	1000	ug/L	1.00	5					
Chromium	J	16.4	5.00	50.0	ug/L	1.00	5					
Cobalt	U	ND	5.00	25.0	ug/L	1.00	5					
Copper	J	42.9	15.0	100	ug/L	1.00	5					
Iron		820000	150	500	ug/L	1.00	5					
Lead	U	ND	16.5	100	ug/L	1.00	5					
Magnesium		260000	550	1500	ug/L	1.00	5					
Manganese		41600	10.0	50.0	ug/L	1.00	5					
Nickel	U	ND	7.50	25.0	ug/L	1.00	5					
Potassium		63700	250	1250	ug/L	1.00	5					
Selenium	J	125	30.0	150	ug/L	1.00	5					
Silver	J	9.61	5.00	25.0	ug/L	1.00	5					
Vanadium	U	ND	5.00	25.0	ug/L	1.00	5					
Zinc	J	66.6	16.5	100	ug/L	1.00	5					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-MW-22-DP Field Filtered	Project:	RVDE00226C
Sample ID:	771803007	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3005A/6010D	
4	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06
Sample ID: 771803008
Matrix: Surface Water
Collect Date: 09-APR-26 14:00
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1101	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	94.0	68.0	200	ug/L	1.00	1	EM2	04/15/26	1140	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.6	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		63400	50.0	200	ug/L	1.00	1					
Chromium	J	2.92	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	82.5	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14900	110	300	ug/L	1.00	1					
Manganese		21.9	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9470	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17500	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.81	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.58	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.86	9.55	ug/L	0.000955	1	LL2	04/16/26	2016	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4,5-Trichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4,6-Trichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dichlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dimethylphenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2,4-Dinitrophenol	U	ND	4.77	19.1	ug/L	0.000955	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.86	9.55	ug/L	0.000955	1					
2,6-Dinitrotoluene	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Chloronaphthalene	U	ND	0.391	0.955	ug/L	0.000955	1					
2-Chlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
2-Methylnaphthalene	U	ND	0.286	0.955	ug/L	0.000955	1					
2-Nitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
3,3'-Dichlorobenzidine	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Bromophenylphenylether	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Chloro-3-methylphenol	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Chloroaniline	U	ND	3.15	9.55	ug/L	0.000955	1					
4-Chlorophenylphenylether	U	ND	2.86	9.55	ug/L	0.000955	1					
4-Nitrophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Acenaphthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Acenaphthylene	U	ND	0.286	0.955	ug/L	0.000955	1					
Acetophenone	U	ND	2.86	9.55	ug/L	0.000955	1					
Anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Atrazine	U	ND	2.86	9.55	ug/L	0.000955	1					
Benzaldehyde	U	ND	2.86	9.55	ug/L	0.000955	1					
Benzo(a)anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(a)pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(b)fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(ghi)perylene	U	ND	0.286	0.955	ug/L	0.000955	1					
Benzo(k)fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Butylbenzylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Carbazole	U	ND	0.286	0.955	ug/L	0.000955	1					
Chrysene	U	ND	0.286	0.955	ug/L	0.000955	1					
Di-n-butylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Di-n-octylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Dibenzo(a,h)anthracene	U	ND	0.286	0.955	ug/L	0.000955	1					
Dibenzofuran	U	ND	2.86	9.55	ug/L	0.000955	1					
Diethylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Dimethylphthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
Diphenylamine	U	ND	2.86	9.55	ug/L	0.000955	1					
Fluoranthene	U	ND	0.286	0.955	ug/L	0.000955	1					
Fluorene	U	ND	0.286	0.955	ug/L	0.000955	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachlorobutadiene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachlorocyclopentadiene	U	ND	2.86	9.55	ug/L	0.000955	1					
Hexachloroethane	U	ND	2.86	9.55	ug/L	0.000955	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Isophorone	U	ND	3.34	9.55	ug/L	0.000955	1					
N-Nitrosodipropylamine	U	ND	2.86	9.55	ug/L	0.000955	1					
Naphthalene	U	ND	0.286	0.955	ug/L	0.000955	1					
Nitrobenzene	U	ND	2.86	9.55	ug/L	0.000955	1					
Pentachlorophenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Phenanthrene	U	ND	0.286	0.955	ug/L	0.000955	1					
Phenol	U	ND	2.86	9.55	ug/L	0.000955	1					
Pyrene	U	ND	0.286	0.955	ug/L	0.000955	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Chloroethoxy)methane	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Chloroethyl) ether	U	ND	2.86	9.55	ug/L	0.000955	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.286	0.955	ug/L	0.000955	1					
m,p-Cresols	U	ND	3.53	9.55	ug/L	0.000955	1					
m-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
o-Cresol	U	ND	2.86	9.55	ug/L	0.000955	1					
o-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
p-Nitroaniline	U	ND	2.86	9.55	ug/L	0.000955	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1555	2981765	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		7.26	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.840	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Project: RVDE00226C
Sample ID: 771803008 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	33.2 ug/L	47.7	70	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	33.3 ug/L	47.7	70	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	19.3 ug/L	47.7	41	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	76.8 ug/L	95.5	80	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	21.4 ug/L	95.5	22	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	32.5 ug/L	95.5	34	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	52.0 ug/L	50.0	104	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	64.5 ug/L	50.0	129	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	54.7 ug/L	50.0	109	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06	Project:	RVDE00226C
Sample ID:	771803008	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06 Field Filtered
Sample ID: 771803009
Matrix: Surface Water
Collect Date: 09-APR-26 14:00
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1102	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	86.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1143	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.0	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		61700	50.0	200	ug/L	1.00	1					
Chromium	J	2.86	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	46.6	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14700	110	300	ug/L	1.00	1					
Manganese		20.1	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9260	50.0	250	ug/L	1.00	1					
Selenium	J	6.68	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17100	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.70	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.68	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06 Field Filtered	Project:	RVDE00226C
Sample ID:	771803009	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Matrix: Surface Water
Collect Date: 09-APR-26 14:02
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1104	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	90.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1147	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		35.8	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		61000	50.0	200	ug/L	1.00	1					
Chromium	J	2.88	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	78.4	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		14600	110	300	ug/L	1.00	1					
Manganese		21.5	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9160	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		16900	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	2.05	1.00	5.00	ug/L	1.00	1					
Zinc	J	8.29	3.30	20.0	ug/L	1.00	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
1,1'-Biphenyl	U	ND	2.87	9.58	ug/L	0.000958	1	LL2	04/16/26	2039	2977541	3
1,2,4,5-Tetrachlorobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
2,3,4,6-Tetrachlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4,5-Trichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4,6-Trichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dichlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dimethylphenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2,4-Dinitrophenol	U	ND	4.79	19.2	ug/L	0.000958	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
2,4-Dinitrotoluene	U	ND	2.87	9.58	ug/L	0.000958	1					
2,6-Dinitrotoluene	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Chloronaphthalene	U	ND	0.393	0.958	ug/L	0.000958	1					
2-Chlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Methyl-4,6-dinitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
2-Methylnaphthalene	U	ND	0.287	0.958	ug/L	0.000958	1					
2-Nitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
3,3'-Dichlorobenzidine	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Bromophenylphenylether	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Chloro-3-methylphenol	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Chloroaniline	U	ND	3.16	9.58	ug/L	0.000958	1					
4-Chlorophenylphenylether	U	ND	2.87	9.58	ug/L	0.000958	1					
4-Nitrophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Acenaphthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Acenaphthylene	U	ND	0.287	0.958	ug/L	0.000958	1					
Acetophenone	U	ND	2.87	9.58	ug/L	0.000958	1					
Anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Atrazine	U	ND	2.87	9.58	ug/L	0.000958	1					
Benzaldehyde	U	ND	2.87	9.58	ug/L	0.000958	1					
Benzo(a)anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(a)pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(b)fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(ghi)perylene	U	ND	0.287	0.958	ug/L	0.000958	1					
Benzo(k)fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Butylbenzylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Carbazole	U	ND	0.287	0.958	ug/L	0.000958	1					
Chrysene	U	ND	0.287	0.958	ug/L	0.000958	1					
Di-n-butylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Di-n-octylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Dibenzo(a,h)anthracene	U	ND	0.287	0.958	ug/L	0.000958	1					
Dibenzofuran	U	ND	2.87	9.58	ug/L	0.000958	1					
Diethylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Dimethylphthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
Diphenylamine	U	ND	2.87	9.58	ug/L	0.000958	1					
Fluoranthene	U	ND	0.287	0.958	ug/L	0.000958	1					
Fluorene	U	ND	0.287	0.958	ug/L	0.000958	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "As Received"												
Hexachlorobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachlorobutadiene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachlorocyclopentadiene	U	ND	2.87	9.58	ug/L	0.000958	1					
Hexachloroethane	U	ND	2.87	9.58	ug/L	0.000958	1					
Indeno(1,2,3-cd)pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Isophorone	U	ND	3.35	9.58	ug/L	0.000958	1					
N-Nitrosodipropylamine	U	ND	2.87	9.58	ug/L	0.000958	1					
Naphthalene	U	ND	0.287	0.958	ug/L	0.000958	1					
Nitrobenzene	U	ND	2.87	9.58	ug/L	0.000958	1					
Pentachlorophenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Phenanthrene	U	ND	0.287	0.958	ug/L	0.000958	1					
Phenol	U	ND	2.87	9.58	ug/L	0.000958	1					
Pyrene	U	ND	0.287	0.958	ug/L	0.000958	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Chloroethoxy)methane	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Chloroethyl) ether	U	ND	2.87	9.58	ug/L	0.000958	1					
bis(2-Ethylhexyl)phthalate	U	ND	0.287	0.958	ug/L	0.000958	1					
m,p-Cresols	U	ND	3.55	9.58	ug/L	0.000958	1					
m-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
o-Cresol	U	ND	2.87	9.58	ug/L	0.000958	1					
o-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
p-Nitroaniline	U	ND	2.87	9.58	ug/L	0.000958	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	4
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,1,1-Trichloroethane	U	ND	0.333	1.00	ug/L		1	CO1	04/21/26	1621	2981765	5
1,1,2,2-Tetrachloroethane	U	ND	0.333	1.00	ug/L		1					
1,1,2-Trichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,1-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
1,2,3-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2,4-Trichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dibromo-3-chloropropane	U	ND	0.333	1.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
1,2-Dibromoethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloroethane	U	ND	0.333	1.00	ug/L		1					
1,2-Dichloropropane	U	ND	0.333	1.00	ug/L		1					
1,3-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dichlorobenzene	U	ND	0.333	1.00	ug/L		1					
1,4-Dioxane	U	ND	16.7	50.0	ug/L		1					
2-Butanone	U	ND	1.67	5.00	ug/L		1					
2-Hexanone	U	ND	1.67	5.00	ug/L		1					
4-Methyl-2-pentanone	U	ND	1.67	5.00	ug/L		1					
Acetone		7.25	1.74	5.00	ug/L		1					
Benzene	U	ND	0.333	1.00	ug/L		1					
Bromochloromethane	U	ND	0.333	1.00	ug/L		1					
Bromodichloromethane	U	ND	0.333	1.00	ug/L		1					
Bromoform	U	ND	0.333	1.00	ug/L		1					
Bromomethane	U	ND	0.337	1.00	ug/L		1					
Carbon disulfide	U	ND	1.67	5.00	ug/L		1					
Carbon tetrachloride	U	ND	0.333	1.00	ug/L		1					
Chlorobenzene	U	ND	0.333	1.00	ug/L		1					
Chloroethane	U	ND	0.333	1.00	ug/L		1					
Chloroform	U	ND	0.333	1.00	ug/L		1					
Chloromethane	U	ND	0.333	1.00	ug/L		1					
Cyclohexane	U	ND	0.333	1.00	ug/L		1					
Dibromochloromethane	U	ND	0.333	1.00	ug/L		1					
Dichlorodifluoromethane	U	ND	0.355	1.00	ug/L		1					
Ethylbenzene	U	ND	0.333	1.00	ug/L		1					
Isopropylbenzene	U	ND	0.333	1.00	ug/L		1					
Methyl acetate	U	ND	1.67	5.00	ug/L		1					
Methylcyclohexane	U	ND	0.333	1.00	ug/L		1					
Methylene chloride	J	0.940	0.500	5.00	ug/L		1					
Styrene	U	ND	0.333	1.00	ug/L		1					
Tetrachloroethylene	U	ND	0.333	1.00	ug/L		1					
Toluene	U	ND	0.333	1.00	ug/L		1					
Trichloroethylene	U	ND	0.333	1.00	ug/L		1					
Trichlorofluoromethane	U	ND	0.333	1.00	ug/L		1					
Trichlorotrifluoroethane	U	ND	1.67	5.00	ug/L		1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803010
Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "As Received"												
Vinyl chloride	U	ND	0.333	1.00	ug/L		1					
cis-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
cis-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					
m,p-Xylenes	U	ND	0.500	2.00	ug/L		1					
o-Xylene	U	ND	0.333	1.00	ug/L		1					
tert-Butyl methyl ether	U	ND	0.333	1.00	ug/L		1					
trans-1,2-Dichloroethylene	U	ND	0.333	1.00	ug/L		1					
trans-1,3-Dichloropropylene	U	ND	0.333	1.00	ug/L		1					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	SW846 3510C Prep Semivolatiles 8270	KW3	04/15/26	0655	2977540
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 3510C/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Nitrobenzene-d5	8270 TCL BNA "As Received"	25.4 ug/L	47.9	53	(31%-100%)
2-Fluorobiphenyl	8270 TCL BNA "As Received"	25.1 ug/L	47.9	52	(32%-102%)
p-Terphenyl-d14	8270 TCL BNA "As Received"	11.9 ug/L	47.9	25	(20%-118%)
2,4,6-Tribromophenol	8270 TCL BNA "As Received"	56.6 ug/L	95.8	59	(28%-113%)
Phenol-d5	8270 TCL BNA "As Received"	18.1 ug/L	95.8	19	(15%-85%)
2-Fluorophenol	8270 TCL BNA "As Received"	27.0 ug/L	95.8	28	(15%-72%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "As Received"	50.9 ug/L	50.0	102	(77%-123%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "As Received"	64.6 ug/L	50.0	129	(71%-131%)
Toluene-d8	SW846 8260 TCL Volatiles "As Received"	53.6 ug/L	50.0	107	(77%-121%)

Notes:

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06-DP	Project:	RVDE00226C
Sample ID:	771803010	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SW-06-DP
Sample ID: 771803011
Matrix: Surface Water
Collect Date: 09-APR-26 14:02
Receive Date: 09-APR-26
Collector: Client

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
7470 Cold Vapor Mercury, Liquid "As Received"												
Mercury	U	ND	0.0670	0.200	ug/L	1.00	1	JP2	04/14/26	1105	2976537	1
Metals Analysis-ICP												
SW846 3005A/6010D TCL Metals Scan Liquid "As Received"												
Aluminum	J	86.2	68.0	200	ug/L	1.00	1	EM2	04/15/26	1150	2975549	2
Antimony	U	ND	3.50	20.0	ug/L	1.00	1					
Arsenic	U	ND	5.00	30.0	ug/L	1.00	1					
Barium		36.5	1.00	5.00	ug/L	1.00	1					
Beryllium	U	ND	1.00	5.00	ug/L	1.00	1					
Cadmium	U	ND	1.00	5.00	ug/L	1.00	1					
Calcium		64100	50.0	200	ug/L	1.00	1					
Chromium	J	3.10	1.00	10.0	ug/L	1.00	1					
Cobalt	U	ND	1.00	5.00	ug/L	1.00	1					
Copper	U	ND	3.00	20.0	ug/L	1.00	1					
Iron	J	49.1	30.0	100	ug/L	1.00	1					
Lead	U	ND	3.30	20.0	ug/L	1.00	1					
Magnesium		15100	110	300	ug/L	1.00	1					
Manganese		20.6	2.00	10.0	ug/L	1.00	1					
Nickel	U	ND	1.50	5.00	ug/L	1.00	1					
Potassium		9600	50.0	250	ug/L	1.00	1					
Selenium	U	ND	6.00	30.0	ug/L	1.00	1					
Silver	U	ND	1.00	5.00	ug/L	1.00	1					
Sodium		17800	100	300	ug/L	1.00	1					
Thallium	U	ND	5.00	20.0	ug/L	1.00	1					
Vanadium	J	1.92	1.00	5.00	ug/L	1.00	1					
Zinc	J	7.54	3.30	20.0	ug/L	1.00	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "As Received"												
Hexavalent Chromium	U	ND	0.00300	0.0100	mg/L		1	IS2	04/10/26	1000	2975721	3

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 7470A Prep	EPA 7470A Mercury Prep Liquid	JM13	04/13/26	1100	2976533
SW846 3005A	SW846 3005A for 6010D	ES3	04/10/26	0830	2975548

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SW-06-DP	Project:	RVDE00226C
Sample ID:	771803011	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7470A	
2	SW846 3005A/6010D	
3	SW846 7196A	

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-03	Project:	RVDE00226C
Sample ID:	771803012	Client ID:	GEEL003
Matrix:	Solid		
Collect Date:	09-APR-26 14:20		
Receive Date:	09-APR-26		
Collector:	Client		
Moisture:	81%		

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Mercury Analysis-CVAA												
SW846 7471B Mercury, Solid "Dry Weight Corrected"												
Mercury	U	ND	42.1	126	ug/kg	119	1	JP2	04/14/26	0945	2976729	1
Metals Analysis-ICP												
SW846 3050B/6010D TAL Metals, Solid "Dry Weight Corrected"												
Aluminum		19000000	34500	101000	ug/kg	96.2	1	EM2	04/14/26	1436	2975551	2
Antimony	U	ND	1670	10100	ug/kg	96.2	1					
Arsenic	J	4030	2540	15200	ug/kg	96.2	1					
Barium		95700	507	2540	ug/kg	96.2	1					
Beryllium	J	566	507	2540	ug/kg	96.2	1					
Cadmium	U	ND	507	2540	ug/kg	96.2	1					
Calcium		108000000	40600	127000	ug/kg	96.2	1					
Chromium		77500	761	5070	ug/kg	96.2	1					
Cobalt		3700	761	2540	ug/kg	96.2	1					
Copper		33300	1520	10100	ug/kg	96.2	1					
Iron		92300000	40600	127000	ug/kg	96.2	1					
Lead	J	9010	1670	10100	ug/kg	96.2	1					
Magnesium		4370000	43100	152000	ug/kg	96.2	1					
Manganese		915000	1010	5070	ug/kg	96.2	1					
Nickel		12800	761	2540	ug/kg	96.2	1					
Potassium		752000	32400	127000	ug/kg	96.2	1					
Selenium	J	10300	2540	15200	ug/kg	96.2	1					
Silver	U	ND	507	2540	ug/kg	96.2	1					
Sodium		267000	35500	127000	ug/kg	96.2	1					
Thallium	U	ND	2540	10100	ug/kg	96.2	1					
Vanadium		63100	507	2540	ug/kg	96.2	1					
Zinc		165000	2030	10100	ug/kg	96.2	1					
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
1,1'-Biphenyl	U	ND	526	1750	ug/kg	0.0333	1	LL2	04/16/26	1746	2978441	3
1,2,4,5-Tetrachlorobenzene	U	ND	526	1750	ug/kg	0.0333	1					
2,3,4,6-Tetrachlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4,5-Trichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4,6-Trichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dichlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dimethylphenol	U	ND	526	1750	ug/kg	0.0333	1					
2,4-Dinitrophenol	U	ND	526	3510	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
2,4-Dinitrotoluene	U	ND	526	1750	ug/kg	0.0333	1					
2,6-Dinitrotoluene	U	ND	526	1750	ug/kg	0.0333	1					
2-Chloronaphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
2-Chlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
2-Methyl-4,6-dinitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
2-Methylnaphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
2-Nitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
3,3'-Dichlorobenzidine	U	ND	526	1750	ug/kg	0.0333	1					
4-Bromophenylphenylether	U	ND	526	1750	ug/kg	0.0333	1					
4-Chloro-3-methylphenol	U	ND	702	1750	ug/kg	0.0333	1					
4-Chloroaniline	U	ND	526	1750	ug/kg	0.0333	1					
4-Chlorophenylphenylether	U	ND	526	1750	ug/kg	0.0333	1					
4-Nitrophenol	U	ND	526	1750	ug/kg	0.0333	1					
Acenaphthene	U	ND	52.6	175	ug/kg	0.0333	1					
Acenaphthylene	U	ND	52.6	175	ug/kg	0.0333	1					
Acetophenone	U	ND	526	1750	ug/kg	0.0333	1					
Anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Atrazine	U	ND	702	1750	ug/kg	0.0333	1					
Benzaldehyde	U	ND	526	1750	ug/kg	0.0333	1					
Benzo(a)anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(a)pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(b)fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(ghi)perylene	U	ND	52.6	175	ug/kg	0.0333	1					
Benzo(k)fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Butylbenzylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Carbazole	U	ND	52.6	175	ug/kg	0.0333	1					
Chrysene	U	ND	52.6	175	ug/kg	0.0333	1					
Di-n-butylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Di-n-octylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Dibenzo(a,h)anthracene	U	ND	52.6	175	ug/kg	0.0333	1					
Dibenzofuran	U	ND	526	1750	ug/kg	0.0333	1					
Diethylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Dimethylphthalate	U	ND	52.6	175	ug/kg	0.0333	1					
Diphenylamine	U	ND	526	1750	ug/kg	0.0333	1					
Fluoranthene	U	ND	52.6	175	ug/kg	0.0333	1					
Fluorene	U	ND	52.6	175	ug/kg	0.0333	1					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Semi-Volatile-GC/MS												
8270 TCL BNA "Dry Weight Corrected"												
Hexachlorobenzene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachlorobutadiene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachlorocyclopentadiene	U	ND	526	1750	ug/kg	0.0333	1					
Hexachloroethane	U	ND	526	1750	ug/kg	0.0333	1					
Indeno(1,2,3-cd)pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
Isophorone	U	ND	526	1750	ug/kg	0.0333	1					
N-Nitrosodipropylamine	U	ND	526	1750	ug/kg	0.0333	1					
Naphthalene	U	ND	52.6	175	ug/kg	0.0333	1					
Nitrobenzene	U	ND	526	1750	ug/kg	0.0333	1					
Pentachlorophenol	U	ND	526	1750	ug/kg	0.0333	1					
Phenanthrene	U	ND	52.6	175	ug/kg	0.0333	1					
Phenol	U	ND	526	1750	ug/kg	0.0333	1					
Pyrene	U	ND	52.6	175	ug/kg	0.0333	1					
bis(2-Chloro-1-methylethyl)ether	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Chloroethoxy)methane	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Chloroethyl) ether	U	ND	526	1750	ug/kg	0.0333	1					
bis(2-Ethylhexyl)phthalate	U	ND	52.6	175	ug/kg	0.0333	1					
m,p-Cresols	U	ND	526	1750	ug/kg	0.0333	1					
m-Nitroaniline	U	ND	526	1750	ug/kg	0.0333	1					
o-Cresol	U	ND	526	1750	ug/kg	0.0333	1					
o-Nitroaniline	U	ND	579	1750	ug/kg	0.0333	1					
p-Nitroaniline	U	ND	526	1750	ug/kg	0.0333	1					
Spectrometric Analysis												
SW846 7196A Hexavalent Chromium "Dry Weight Corrected"												
Hexavalent Chromium	U	ND	0.811	2.03	mg/kg	38.5	1	BR2	04/22/26	1602	2980165	4
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,1,1-Trichloroethane	U	ND	160	479	ug/kg	1.82	50	JM6	04/22/26	1508	2982825	5
1,1,2,2-Tetrachloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1,2-Trichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1-Dichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,1-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
1,2,3-Trichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2,4-Trichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2-Dibromo-3-chloropropane	U	ND	240	479	ug/kg	1.82	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
1,2-Dibromoethane	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichloroethane	U	ND	160	479	ug/kg	1.82	50					
1,2-Dichloropropane	U	ND	160	479	ug/kg	1.82	50					
1,3-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,4-Dichlorobenzene	U	ND	160	479	ug/kg	1.82	50					
1,4-Dioxane	U	ND	7990	24000	ug/kg	1.82	50					
2-Butanone	U	ND	799	2400	ug/kg	1.82	50					
2-Hexanone	U	ND	799	2400	ug/kg	1.82	50					
4-Methyl-2-pentanone	U	ND	799	2400	ug/kg	1.82	50					
Acetone	U	ND	799	2400	ug/kg	1.82	50					
Benzene	U	ND	160	479	ug/kg	1.82	50					
Bromochloromethane	U	ND	160	479	ug/kg	1.82	50					
Bromodichloromethane	U	ND	160	479	ug/kg	1.82	50					
Bromoform	U	ND	160	479	ug/kg	1.82	50					
Bromomethane	U	ND	160	479	ug/kg	1.82	50					
Carbon disulfide	U	ND	799	2400	ug/kg	1.82	50					
Carbon tetrachloride	U	ND	160	479	ug/kg	1.82	50					
Chlorobenzene	U	ND	160	479	ug/kg	1.82	50					
Chloroethane	U	ND	160	479	ug/kg	1.82	50					
Chloroform	U	ND	160	479	ug/kg	1.82	50					
Chloromethane	U	ND	160	479	ug/kg	1.82	50					
Cyclohexane	U	ND	160	479	ug/kg	1.82	50					
Dibromochloromethane	U	ND	160	479	ug/kg	1.82	50					
Dichlorodifluoromethane	U	ND	160	479	ug/kg	1.82	50					
Ethylbenzene	U	ND	160	479	ug/kg	1.82	50					
Isopropylbenzene	U	ND	160	479	ug/kg	1.82	50					
Methyl acetate	U	ND	799	2400	ug/kg	1.82	50					
Methylcyclohexane	U	ND	160	479	ug/kg	1.82	50					
Methylene chloride	U	ND	799	2400	ug/kg	1.82	50					
Styrene	U	ND	160	479	ug/kg	1.82	50					
Tetrachloroethylene	U	ND	160	479	ug/kg	1.82	50					
Toluene	U	ND	160	479	ug/kg	1.82	50					
Trichloroethylene	U	ND	160	479	ug/kg	1.82	50					
Trichlorofluoromethane	U	ND	160	479	ug/kg	1.82	50					
Trichlorotrifluoroethane	U	ND	799	2400	ug/kg	1.82	50					

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607
Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03 Project: RVDE00226C
Sample ID: 771803012 Client ID: GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Volatile Organics												
SW846 8260 TCL Volatiles "Dry Weight Corrected"												
Vinyl chloride	U	ND	160	479	ug/kg	1.82	50					
cis-1,2-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
cis-1,3-Dichloropropylene	U	ND	160	479	ug/kg	1.82	50					
m,p-Xylenes	U	ND	320	959	ug/kg	1.82	50					
o-Xylene	U	ND	160	479	ug/kg	1.82	50					
tert-Butyl methyl ether	U	ND	160	479	ug/kg	1.82	50					
trans-1,2-Dichloroethylene	U	ND	160	479	ug/kg	1.82	50					
trans-1,3-Dichloropropylene	U	ND	160	479	ug/kg	1.82	50					

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3541	Prep Method 3541 8270E BNA for Soil	DS5	04/21/26	0759	2980308
SW846 7471B Prep	SW846 7471B Mercury Prep Soil	HC1	04/13/26	1435	2976726
SW846 3541	Prep Method 3541 8270E BNA for Soil	JG3	04/16/26	0545	2978440
SW846 3050B	SW846 3050B Prep	ES3	04/10/26	0845	2975550
SW846 5035	5035 Prep	JM6	04/22/26	1255	2982824
SW846 3060A	SW846_7196A Hexavalent Chromium in Soil	BR2	04/17/26	1639	2980164

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	SW846 7471B	
2	SW846 3050B/6010D	
3	SW846 3541/8270E	
4	SW846 7196A	
5	SW846 8260D	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6-Tribromophenol	8270 TCL BNA "Dry Weight Corrected"	7430 ug/kg	17500	42	(20%-104%)
Phenol-d5	8270 TCL BNA "Dry Weight Corrected"	7450 ug/kg	17500	42	(20%-99%)
2-Fluorophenol	8270 TCL BNA "Dry Weight Corrected"	7010 ug/kg	17500	40	(19%-94%)
Nitrobenzene-d5	8270 TCL BNA "Dry Weight Corrected"	3350 ug/kg	8770	38	(19%-90%)
2-Fluorobiphenyl	8270 TCL BNA "Dry Weight Corrected"	3260 ug/kg	8770	37	(20%-93%)
p-Terphenyl-d14	8270 TCL BNA "Dry Weight Corrected"	4210 ug/kg	8770	48	(24%-107%)
Bromofluorobenzene	SW846 8260 TCL Volatiles "Dry Weight Corrected"	24100 ug/kg	50.0	100	(67%-136%)
1,2-Dichloroethane-d4	SW846 8260 TCL Volatiles "Dry Weight Corrected"	25200 ug/kg	50.0	105	(75%-131%)

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: May 4, 2026

Company :	GEL Engineering, LLC
Address :	111 Smith Hines Road Suite J Greenville, South Carolina 29607
Contact:	Robert MacPhee
Project:	Liberty Steel VCC Sampling

Client Sample ID:	LS-SD-03	Project:	RVDE00226C
Sample ID:	771803012	Client ID:	GEEL003

Parameter	Qualifier	Result	DL	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
Toluene-d8		SW846 8260 TCL Volatiles "Dry Weight Corrected"		23200	ug/kg	50.0		97		(79%-122%)		

Notes:

Column headers are defined as follows:

DF: Dilution Factor	Lc/LC: Critical Level
DL: Detection Limit	PF: Prep Factor
MDA: Minimum Detectable Activity	RL: Reporting Limit
MDC: Minimum Detectable Concentration	SQL: Sample Quantitation Limit

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : GEL Engineering, LLC
Address : 111 Smith Hines Road
Suite J
Greenville, South Carolina 29607

Report Date: May 4, 2026

Contact: Robert MacPhee
Project: Liberty Steel VCC Sampling

Client Sample ID: LS-SD-03
Sample ID: 771803012
Matrix: Solid
Collect Date: 09-APR-26
Receive Date: 09-APR-26
Collector: Client
Moisture: 81%

Project: RVDE00226C
Client ID: GEEL003

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
Gravimetric Solids														
"As Received"														

The following Analytical Methods were performed

Method	Description
1	ASTM D 2216 (Modified)

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits

Notes:

The MDC is a sample specific MDC.
TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor
DL: Detection Limit
Lc/LC: Critical Level
MDA: Minimum Detectable Activity
MDC: Minimum Detectable Concentration
Mtd.: Method
PF: Prep Factor
RL: Reporting Limit
TPU: Total Propagated Uncertainty

QC Summary

Report Date: May 4, 2026

GEL Engineering, LLC
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Flow Injection Analysis										
Batch 2976226										
QC1206433491 771808001 DUP										
Cyanide, Total	U	ND	U	ND	ug/L	N/A			CH9	04/21/26 14:40
QC1206433488 LCS										
Cyanide, Total	50.0			49.1	ug/L		98.1	(90%-110%)		04/21/26 14:21
QC1206433487 MB										
Cyanide, Total			U	ND	ug/L					04/21/26 14:14
QC1206433492 771808001 MS										
Cyanide, Total	100 U	ND		99.5	ug/L		98.8	(52%-131%)		04/21/26 14:41
Metals Analysis-ICP										
Batch 2975549										
QC1206432303 LCS										
Aluminum	5000			4990	ug/L		99.9	(80%-120%)	EM2	04/15/26 10:51
Antimony	500			486	ug/L		97.1	(80%-120%)		
Arsenic	500			504	ug/L		101	(80%-120%)		
Barium	500			494	ug/L		98.8	(80%-120%)		
Beryllium	500			496	ug/L		99.3	(80%-120%)		
Cadmium	500			498	ug/L		99.5	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Calcium	5000			5100	ug/L		102	(80%-120%)	EM2	04/15/26 10:51
Chromium	500			507	ug/L		101	(80%-120%)		
Cobalt	500			498	ug/L		99.6	(80%-120%)		
Copper	500			495	ug/L		99	(80%-120%)		
Iron	5000			5070	ug/L		101	(80%-120%)		
Lead	500			508	ug/L		102	(80%-120%)		
Magnesium	5000			5170	ug/L		103	(80%-120%)		
Manganese	500			499	ug/L		99.8	(80%-120%)		
Nickel	500			498	ug/L		99.6	(80%-120%)		
Potassium	5000			4860	ug/L		97.3	(80%-120%)		
Selenium	500			485	ug/L		96.9	(80%-120%)		
Silver	100			97.6	ug/L		97.6	(80%-120%)		
Sodium	5000			4900	ug/L		97.9	(80%-120%)		
Thallium	500			500	ug/L		100	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Vanadium	500			500	ug/L		100	(80%-120%)	EM2	04/15/26 10:51
Zinc	500			484	ug/L		96.8	(80%-120%)		
QC1206432302 MB										
Aluminum			U	ND	ug/L					04/15/26 10:48
Antimony			U	ND	ug/L					
Arsenic			U	ND	ug/L					
Barium			U	ND	ug/L					
Beryllium			U	ND	ug/L					
Cadmium			U	ND	ug/L					
Calcium			U	ND	ug/L					
Chromium			J	3.05	ug/L					
Cobalt			U	ND	ug/L					
Copper			U	ND	ug/L					
Iron			U	ND	ug/L					
Lead			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Magnesium			U	ND	ug/L				EM2	04/15/26 10:48
Manganese			U	ND	ug/L					
Nickel			U	ND	ug/L					
Potassium			J	50.9	ug/L					
Selenium			U	ND	ug/L					
Silver			U	ND	ug/L					
Sodium			U	ND	ug/L					
Thallium			U	ND	ug/L					
Vanadium			U	ND	ug/L					
Zinc			U	ND	ug/L					
QC1206432304 771803002 MS										
Aluminum	5000	U	ND	5130	ug/L		102	(75%-125%)		04/15/26 10:57
Antimony	500	U	ND	498	ug/L		99.5	(75%-125%)		
Arsenic	500	U	ND	518	ug/L		104	(75%-125%)		
Barium	500		20.5	511	ug/L		98	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Beryllium	500	U	ND		499	ug/L		99.8	(75%-125%)	EM2	04/15/26 10:57
Cadmium	500	U	ND		495	ug/L		98.9	(75%-125%)		
Calcium	5000		39500		44900	ug/L		N/A	(75%-125%)		
Chromium	500	J	1.88		505	ug/L		101	(75%-125%)		
Cobalt	500	U	ND		492	ug/L		98.3	(75%-125%)		
Copper	500	J	7.35		496	ug/L		97.7	(75%-125%)		
Iron	5000	J	62.2		5180	ug/L		102	(75%-125%)		
Lead	500	U	ND		504	ug/L		100	(75%-125%)		
Magnesium	5000		10500		15800	ug/L		106	(75%-125%)		
Manganese	500		31.0		525	ug/L		98.8	(75%-125%)		
Nickel	500	U	ND		489	ug/L		97.8	(75%-125%)		
Potassium	5000		3970		8980	ug/L		100	(75%-125%)		
Selenium	500	U	ND		504	ug/L		99.9	(75%-125%)		
Silver	100	U	ND		98.3	ug/L		98.1	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Sodium	5000		8940		14000	ug/L		101	(75%-125%)	EM2	04/15/26 10:57
Thallium	500	U	ND		494	ug/L		98.7	(75%-125%)		
Vanadium	500	U	ND		504	ug/L		101	(75%-125%)		
Zinc	500	J	10.8		492	ug/L		96.2	(75%-125%)		
QC1206432305 771803002 MSD											
Aluminum	5000	U	ND		5160	ug/L	0.476	102	(0%-20%)		04/15/26 10:59
Antimony	500	U	ND		502	ug/L	0.857	100	(0%-20%)		
Arsenic	500	U	ND		520	ug/L	0.354	104	(0%-20%)		
Barium	500		20.5		513	ug/L	0.407	98.4	(0%-20%)		
Beryllium	500	U	ND		500	ug/L	0.34	100	(0%-20%)		
Cadmium	500	U	ND		496	ug/L	0.267	99.2	(0%-20%)		
Calcium	5000		39500		46300	ug/L	3.24	N/A	(0%-20%)		
Chromium	500	J	1.88		510	ug/L	0.947	102	(0%-20%)		
Cobalt	500	U	ND		491	ug/L	0.183	98.1	(0%-20%)		
Copper	500	J	7.35		500	ug/L	0.712	98.4	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2975549												
Iron	5000	J	62.2		5210	ug/L	0.463	103	(0%-20%)	EM2	04/15/26	10:59
Lead	500	U	ND		503	ug/L	0.155	100	(0%-20%)			
Magnesium	5000		10500		15900	ug/L	0.954	109	(0%-20%)			
Manganese	500		31.0		529	ug/L	0.725	99.6	(0%-20%)			
Nickel	500	U	ND		489	ug/L	0.0124	97.8	(0%-20%)			
Potassium	5000		3970		9080	ug/L	1.1	102	(0%-20%)			
Selenium	500	U	ND		495	ug/L	1.75	98.1	(0%-20%)			
Silver	100	U	ND		98.5	ug/L	0.248	98.4	(0%-20%)			
Sodium	5000		8940		14200	ug/L	1.05	104	(0%-20%)			
Thallium	500	U	ND		496	ug/L	0.553	99.3	(0%-20%)			
Vanadium	500	U	ND		508	ug/L	0.724	102	(0%-20%)			
Zinc	500	J	10.8		492	ug/L	0.0834	96.3	(0%-20%)			
QC1206432307 771803002 SDILT												
Aluminum		U	ND	U	ND	ug/L	N/A		(0%-20%)		04/15/26	11:04
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975549											
Arsenic	U	ND	U	ND	ug/L	N/A			(0%-20%)	EM2	04/15/26 11:04
Barium		20.5		20.5	ug/L	399			(0%-20%)		
Beryllium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Calcium		39500	E	40200	ug/L	409	*		(0%-20%)		
Chromium	J	1.88	J	2.72	ug/L	625			(0%-20%)		
Cobalt	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Copper	J	7.35	J	7.20	ug/L	389			(0%-20%)		
Iron	J	62.2	J	67.1	ug/L	440			(0%-20%)		
Lead	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Magnesium		10500	E	10600	ug/L	406	*		(0%-20%)		
Manganese		31.0		30.8	ug/L	398			(0%-20%)		
Nickel	U	ND	U	ND	ug/L	N/A			(0%-20%)		
Potassium		3970		4000	ug/L	403			(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975549										
Selenium	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	04/15/26 11:04
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Sodium		8940	E	9010	ug/L	404 *		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Zinc	J	10.8	J	10.3	ug/L	378		(0%-20%)		
Batch 2975551										
QC1206432309 LCS										
Aluminum	448000			432000	ug/kg		96.3	(80%-120%)	EM2	04/14/26 14:34
Antimony	44800			43900	ug/kg		97.9	(80%-120%)		
Arsenic	44800			46000	ug/kg		103	(80%-120%)		
Barium	44800			44200	ug/kg		98.7	(80%-120%)		
Beryllium	44800			45900	ug/kg		103	(80%-120%)		
Cadmium	44800			45100	ug/kg		101	(80%-120%)		
Calcium	448000			456000	ug/kg		102	(80%-120%)		
Chromium	44800			44300	ug/kg		98.9	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Cobalt	44800			44600	ug/kg		99.6	(80%-120%)	EM2	04/14/26 14:34
Copper	44800			44200	ug/kg		98.7	(80%-120%)		
Iron	448000			453000	ug/kg		101	(80%-120%)		
Lead	44800			44600	ug/kg		99.6	(80%-120%)		
Magnesium	448000			459000	ug/kg		102	(80%-120%)		
Manganese	44800			44100	ug/kg		98.5	(80%-120%)		
Nickel	44800			44500	ug/kg		99.4	(80%-120%)		
Potassium	448000			433000	ug/kg		96.7	(80%-120%)		
Selenium	44800			45500	ug/kg		101	(80%-120%)		
Silver	8960			8810	ug/kg		98.3	(80%-120%)		
Sodium	448000			446000	ug/kg		99.6	(80%-120%)		
Thallium	44800			45200	ug/kg		101	(80%-120%)		
Vanadium	44800			43900	ug/kg		98	(80%-120%)		
Zinc	44800			43900	ug/kg		98	(80%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP											
Batch 2975551											
QC1206432308 MB											
Aluminum			U	ND	ug/kg				EM2	04/14/26	14:55
Antimony			U	ND	ug/kg						
Arsenic			U	ND	ug/kg						
Barium			U	ND	ug/kg						
Beryllium			U	ND	ug/kg						
Cadmium			U	ND	ug/kg						
Calcium			U	ND	ug/kg						
Chromium			U	ND	ug/kg						
Cobalt			U	ND	ug/kg						
Copper			U	ND	ug/kg						
Iron			U	ND	ug/kg						
Lead			U	ND	ug/kg						
Magnesium			U	ND	ug/kg						
Manganese			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Nickel			J	139	ug/kg				EM2	04/14/26 14:55
Potassium			U	ND	ug/kg					
Selenium			U	ND	ug/kg					
Silver			U	ND	ug/kg					
Sodium			U	ND	ug/kg					
Thallium			J	480	ug/kg					
Vanadium			U	ND	ug/kg					
Zinc			U	ND	ug/kg					
QC1206432310 771803012 MS										
Aluminum	2370000	19000000		28300000	ug/kg		N/A	(75%-125%)		04/14/26 14:38
Antimony	237000 U	ND		222000	ug/kg		93.7	(75%-125%)		
Arsenic	237000 J	4030		254000	ug/kg		106	(75%-125%)		
Barium	237000	95700		339000	ug/kg		103	(75%-125%)		
Beryllium	237000 J	566		240000	ug/kg		101	(75%-125%)		
Cadmium	237000 U	ND		228000	ug/kg		96	(75%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Metals Analysis-ICP												
Batch 2975551												
Calcium	2370000		108000000		113000000	ug/kg		N/A	(75%-125%)	EM2	04/14/26	14:38
Chromium	237000		77500		329000	ug/kg		106	(75%-125%)			
Cobalt	237000		3700		228000	ug/kg		94.4	(75%-125%)			
Copper	237000		33300		282000	ug/kg		105	(75%-125%)			
Iron	2370000		92300000		117000000	ug/kg		N/A	(75%-125%)			
Lead	237000	J	9010		234000	ug/kg		94.7	(75%-125%)			
Magnesium	2370000		4370000		7560000	ug/kg		134*	(75%-125%)			
Manganese	237000		915000		1180000	ug/kg		112	(75%-125%)			
Nickel	237000		12800		237000	ug/kg		94.4	(75%-125%)			
Potassium	2370000		752000		3470000	ug/kg		115	(75%-125%)			
Selenium	237000	J	10300		253000	ug/kg		102	(75%-125%)			
Silver	47400	U	ND		47100	ug/kg		98.3	(75%-125%)			
Sodium	2370000		267000		2690000	ug/kg		102	(75%-125%)			
Thallium	237000	U	ND		219000	ug/kg		92.2	(75%-125%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Metals Analysis-ICP												
Batch 2975551												
Vanadium	237000		63100		305000	ug/kg			102	(75%-125%)	EM2	04/14/26 14:38
Zinc	237000		165000		406000	ug/kg			102	(75%-125%)		
QC1206432311 771803012 MSD												
Aluminum	2600000		19000000		22900000	ug/kg	21	*	N/A	(0%-20%)		04/14/26 14:41
Antimony	260000	U	ND		253000	ug/kg	12.9		97.2	(0%-20%)		
Arsenic	260000	J	4030		280000	ug/kg	9.75		106	(0%-20%)		
Barium	260000		95700		354000	ug/kg	4.36		99.3	(0%-20%)		
Beryllium	260000	J	566		267000	ug/kg	10.7		103	(0%-20%)		
Cadmium	260000	U	ND		253000	ug/kg	10.4		97.2	(0%-20%)		
Calcium	2600000		108000000		109000000	ug/kg	3.62		N/A	(0%-20%)		
Chromium	260000		77500		339000	ug/kg	2.97		101	(0%-20%)		
Cobalt	260000		3700		253000	ug/kg	10.8		96.1	(0%-20%)		
Copper	260000		33300		302000	ug/kg	6.82		103	(0%-20%)		
Iron	2600000		92300000		89900000	ug/kg	26.3	*	N/A	(0%-20%)		
Lead	260000	J	9010		259000	ug/kg	10.2		96	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP											
Batch 2975551											
Magnesium	2600000		4370000		6970000	ug/kg	8.15	99.8	(0%-20%)	EM2	04/14/26 14:41
Manganese	260000		915000		1140000	ug/kg	3.23	87.8	(0%-20%)		
Nickel	260000		12800		260000	ug/kg	9.19	94.9	(0%-20%)		
Potassium	2600000		752000		3500000	ug/kg	1	106	(0%-20%)		
Selenium	260000	J	10300		271000	ug/kg	6.91	100	(0%-20%)		
Silver	52000	U	ND		52200	ug/kg	10.4	99.5	(0%-20%)		
Sodium	2600000		267000		2840000	ug/kg	5.49	98.9	(0%-20%)		
Thallium	260000	U	ND		246000	ug/kg	11.9	94.7	(0%-20%)		
Vanadium	260000		63100		321000	ug/kg	4.94	99.2	(0%-20%)		
Zinc	260000		165000		410000	ug/kg	1.06	94.3	(0%-20%)		
QC1206432312 771803012 PS											
Magnesium	5000		8620		13300	ug/L		93	(75%-125%)		04/14/26 14:43
QC1206432313 771803012 SDILT											
Aluminum			37500		7860	ug/L	4.86		(0%-20%)		04/14/26 14:46
Antimony		U	ND	U	ND	ug/L	N/A		(0%-20%)		
Arsenic		J	7.95	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Barium		189		38.4	ug/L	1.57		(0%-20%)	EM2	04/14/26 14:46
Beryllium	J	1.12	U	ND	ug/L	N/A		(0%-20%)		
Cadmium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Calcium		213000		44800	ug/L	5.02		(0%-20%)		
Chromium		153		31.1	ug/L	1.81		(0%-20%)		
Cobalt		7.30	J	1.98	ug/L	36		(0%-20%)		
Copper		65.7	J	12.9	ug/L	1.65		(0%-20%)		
Iron		182000		39400	ug/L	8.07		(0%-20%)		
Lead	J	17.8	J	3.39	ug/L	4.56		(0%-20%)		
Magnesium		8620		1830	ug/L	6.25		(0%-20%)		
Manganese		1800		376	ug/L	4.3		(0%-20%)		
Nickel		25.2		5.67	ug/L	12.3		(0%-20%)		
Potassium		1480		294	ug/L	.897		(0%-20%)		
Selenium	J	20.2	U	ND	ug/L	N/A		(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-ICP										
Batch 2975551										
Silver	U	ND	U	ND	ug/L	N/A		(0%-20%)	EM2	04/14/26 14:46
Sodium		526	J	134	ug/L	27.4		(0%-20%)		
Thallium	U	ND	U	ND	ug/L	N/A		(0%-20%)		
Vanadium		125		25.2	ug/L	1.32		(0%-20%)		
Zinc		325		68.4	ug/L	5.16		(0%-20%)		
Metals Analysis-Mercury										
Batch 2976537										
QC1206434202 771565001 DUP										
Mercury	U	ND	U	ND	ug/L	N/A			JP2	04/14/26 10:38
QC1206434201 LCS										
Mercury	2.00			2.13	ug/L		106	(80%-120%)		04/14/26 10:34
QC1206434200 MB										
Mercury			U	ND	ug/L					04/14/26 10:33
QC1206434203 771565001 MS										
Mercury	2.00 U	ND		2.12	ug/L		104	(75%-125%)		04/14/26 10:39
Batch 2976729										
QC1206434455 771854001 DUP										
Mercury	U	ND	U	ND	ug/kg	N/A			JP2	04/14/26 09:48
QC1206434454 LCS										
Mercury	220			208	ug/kg		94.5	(80%-120%)		04/14/26 09:41

QC Summary

Workorder: 771803

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Metals Analysis-Mercury											
Batch 2976729											
QC1206434453 MB											
Mercury				U	ND	ug/kg				JP2	04/14/26 09:39
QC1206434456 771854001 MS											
Mercury	218	U	ND		200	ug/kg		88.3	(80%-120%)		04/14/26 09:50
Semi-Volatile-GC/MS											
Batch 2977541											
QC1206435780 LCS											
1,1'-Biphenyl	50.0				39.5	ug/L		79	(45%-114%)	LL2	04/16/26 17:32
1,2,4,5-Tetrachlorobenzene	50.0				38.4	ug/L		77	(39%-107%)		
2,3,4,6-Tetrachlorophenol	50.0				45.2	ug/L		90	(41%-119%)		
2,4,5-Trichlorophenol	50.0				44.5	ug/L		89	(42%-122%)		
2,4,6-Trichlorophenol	50.0				43.6	ug/L		87	(40%-119%)		
2,4-Dichlorophenol	50.0				40.9	ug/L		82	(36%-111%)		
2,4-Dimethylphenol	50.0				22.6	ug/L		45	(31%-68%)		
2,4-Dinitrophenol	50.0				46.7	ug/L		93	(30%-120%)		
2,4-Dinitrotoluene	50.0				53.3	ug/L		107	(48%-128%)		
2,6-Dinitrotoluene	50.0				53.6	ug/L		107	(47%-124%)		
2-Chloronaphthalene	50.0				49.7	ug/L		99	(41%-113%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2-Chlorophenol	50.0			35.2	ug/L		70	(30%-95%)	LL2	04/16/26 17:32
2-Methyl-4,6-dinitrophenol	50.0			48.7	ug/L		97	(32%-131%)		
2-Methylnaphthalene	50.0			49.3	ug/L		99	(42%-116%)		
2-Nitrophenol	50.0			44.2	ug/L		88	(36%-115%)		
3,3'-Dichlorobenzidine	50.0			46.5	ug/L		93	(43%-116%)		
4-Bromophenylphenylether	50.0			50.3	ug/L		101	(49%-125%)		
4-Chloro-3-methylphenol	50.0			39.4	ug/L		79	(35%-113%)		
4-Chloroaniline	50.0			38.7	ug/L		77	(39%-112%)		
4-Chlorophenylphenylether	50.0			50.3	ug/L		101	(48%-124%)		
4-Nitrophenol	50.0			30.7	ug/L		61	(25%-69%)		
Acenaphthene	50.0			47.7	ug/L		95	(44%-118%)		
Acenaphthylene	50.0			43.1	ug/L		86	(42%-110%)		
Acetophenone	50.0			41.1	ug/L		82	(44%-114%)		
Anthracene	50.0			47.2	ug/L		94	(49%-121%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Atrazine	50.0			31.7	ug/L		63	(49%-147%)	LL2	04/16/26 17:32
Benzaldehyde	50.0			12.5	ug/L		25*	(27%-111%)		
Benzo(a)anthracene	50.0			48.3	ug/L		97	(46%-121%)		
Benzo(a)pyrene	50.0			46.8	ug/L		94	(41%-120%)		
Benzo(b)fluoranthene	50.0			54.3	ug/L		109	(45%-126%)		
Benzo(ghi)perylene	50.0			52.1	ug/L		104	(44%-129%)		
Benzo(k)fluoranthene	50.0			50.0	ug/L		100	(44%-126%)		
Butylbenzylphthalate	50.0			54.7	ug/L		109	(47%-135%)		
Carbazole	50.0			51.2	ug/L		102	(52%-127%)		
Chrysene	50.0			47.1	ug/L		94	(46%-121%)		
Di-n-butylphthalate	50.0			52.2	ug/L		104	(51%-132%)		
Di-n-octylphthalate	50.0			54.9	ug/L		110	(41%-132%)		
Dibenzo(a,h)anthracene	50.0			50.9	ug/L		102	(42%-123%)		
Dibenzofuran	50.0			48.2	ug/L		96	(48%-118%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Diethylphthalate	50.0			50.9	ug/L		102	(51%-131%)	LL2	04/16/26 17:32
Dimethylphthalate	50.0			47.9	ug/L		96	(48%-129%)		
Diphenylamine	50.0			48.2	ug/L		96	(49%-122%)		
Fluoranthene	50.0			52.1	ug/L		104	(50%-126%)		
Fluorene	50.0			48.6	ug/L		97	(48%-122%)		
Hexachlorobenzene	50.0			49.4	ug/L		99	(46%-122%)		
Hexachlorobutadiene	50.0			40.0	ug/L		80	(32%-94%)		
Hexachlorocyclopentadiene	50.0			15.1	ug/L		30*	(31%-64%)		
Hexachloroethane	50.0			37.5	ug/L		75	(31%-89%)		
Indeno(1,2,3-cd)pyrene	50.0			51.5	ug/L		103	(40%-125%)		
Isophorone	50.0			40.3	ug/L		81	(39%-126%)		
N-Nitrosodipropylamine	50.0			46.8	ug/L		94	(44%-122%)		
Naphthalene	50.0			44.1	ug/L		88	(41%-107%)		
Nitrobenzene	50.0			45.0	ug/L		90	(42%-112%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Pentachlorophenol	50.0			50.5	ug/L		101	(36%-124%)	LL2	04/16/26 17:32
Phenanthrene	50.0			48.4	ug/L		97	(48%-120%)		
Phenol	50.0			19.0	ug/L		38	(12%-90%)		
Pyrene	50.0			52.5	ug/L		105	(51%-127%)		
bis(2-Chloro-1-methylethyl)ether	50.0			43.8	ug/L		88	(33%-137%)		
bis(2-Chloroethoxy)methane	50.0			47.2	ug/L		94	(43%-115%)		
bis(2-Chloroethyl) ether	50.0			43.7	ug/L		87	(40%-111%)		
bis(2-Ethylhexyl)phthalate	50.0			51.2	ug/L		102	(42%-132%)		
m,p-Cresols	50.0			33.9	ug/L		68	(29%-82%)		
m-Nitroaniline	50.0			48.8	ug/L		98	(44%-119%)		
o-Cresol	50.0			30.8	ug/L		62	(29%-86%)		
o-Nitroaniline	50.0			59.8	ug/L		120	(45%-128%)		
p-Nitroaniline	50.0			56.2	ug/L		112	(46%-130%)		
**2,4,6-Tribromophenol	100			90.9	ug/L		91	(28%-113%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
**2-Fluorobiphenyl	50.0			41.0	ug/L		82	(32%-102%)	LL2	04/16/26 17:32
**2-Fluorophenol	100			41.4	ug/L		41	(15%-72%)		
**Nitrobenzene-d5	50.0			41.2	ug/L		82	(31%-100%)		
**Phenol-d5	100			30.9	ug/L		31	(15%-85%)		
**p-Terphenyl-d14	50.0			42.5	ug/L		85	(20%-118%)		
QC1206435779 MB										
1,1'-Biphenyl			U	ND	ug/L					04/16/26 17:07
1,2,4,5-Tetrachlorobenzene			U	ND	ug/L					
2,3,4,6-Tetrachlorophenol			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					
2,4-Dichlorophenol			U	ND	ug/L					
2,4-Dimethylphenol			U	ND	ug/L					
2,4-Dinitrophenol			U	ND	ug/L					
2,4-Dinitrotoluene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
2,6-Dinitrotoluene			U	ND	ug/L				LL2	04/16/26 17:07
2-Chloronaphthalene			U	ND	ug/L					
2-Chlorophenol			U	ND	ug/L					
2-Methyl-4,6-dinitrophenol			U	ND	ug/L					
2-Methylnaphthalene			U	ND	ug/L					
2-Nitrophenol			U	ND	ug/L					
3,3'-Dichlorobenzidine			U	ND	ug/L					
4-Bromophenylphenylether			U	ND	ug/L					
4-Chloro-3-methylphenol			U	ND	ug/L					
4-Chloroaniline			U	ND	ug/L					
4-Chlorophenylphenylether			U	ND	ug/L					
4-Nitrophenol			U	ND	ug/L					
Acenaphthene			U	ND	ug/L					
Acenaphthylene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Acetophenone			U	ND	ug/L				LL2	04/16/26 17:07
Anthracene			U	ND	ug/L					
Atrazine			U	ND	ug/L					
Benzaldehyde			U	ND	ug/L					
Benzo(a)anthracene			U	ND	ug/L					
Benzo(a)pyrene			U	ND	ug/L					
Benzo(b)fluoranthene			U	ND	ug/L					
Benzo(ghi)perylene			U	ND	ug/L					
Benzo(k)fluoranthene			U	ND	ug/L					
Butylbenzylphthalate			U	ND	ug/L					
Carbazole			U	ND	ug/L					
Chrysene			U	ND	ug/L					
Di-n-butylphthalate			U	ND	ug/L					
Di-n-octylphthalate			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2977541										
Dibenzo(a,h)anthracene			U	ND	ug/L				LL2	04/16/26 17:07
Dibenzofuran			U	ND	ug/L					
Diethylphthalate			U	ND	ug/L					
Dimethylphthalate			U	ND	ug/L					
Diphenylamine			U	ND	ug/L					
Fluoranthene			U	ND	ug/L					
Fluorene			U	ND	ug/L					
Hexachlorobenzene			U	ND	ug/L					
Hexachlorobutadiene			U	ND	ug/L					
Hexachlorocyclopentadiene			U	ND	ug/L					
Hexachloroethane			U	ND	ug/L					
Indeno(1,2,3-cd)pyrene			U	ND	ug/L					
Isophorone			U	ND	ug/L					
N-Nitrosodipropylamine			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 2977541											
Naphthalene			U	ND	ug/L				LL2	04/16/26	17:07
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L						
Pyrene			U	ND	ug/L						
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/L						
bis(2-Chloroethoxy)methane			U	ND	ug/L						
bis(2-Chloroethyl) ether			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
m,p-Cresols			U	ND	ug/L						
m-Nitroaniline			U	ND	ug/L						
o-Cresol			U	ND	ug/L						
o-Nitroaniline			U	ND	ug/L						

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
p-Nitroaniline				U	ND	ug/L				LL2	04/16/26 17:07
**2,4,6-Tribromophenol	100				71.4	ug/L		71	(28%-113%)		
**2-Fluorobiphenyl	50.0				34.6	ug/L		69	(32%-102%)		
**2-Fluorophenol	100				32.0	ug/L		32	(15%-72%)		
**Nitrobenzene-d5	50.0				33.5	ug/L		67	(31%-100%)		
**Phenol-d5	100				23.1	ug/L		23	(15%-85%)		
**p-Terphenyl-d14	50.0				38.0	ug/L		76	(20%-118%)		
QC1206435783 771903001 MS											
1,1'-Biphenyl	147	U	ND		110	ug/L		75	(30%-119%)		04/17/26 01:16
1,2,4,5-Tetrachlorobenzene	147	U	ND		108	ug/L		73	(28%-109%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		130	ug/L		88	(31%-125%)		
2,4,5-Trichlorophenol	147	U	ND		130	ug/L		89	(32%-128%)		
2,4,6-Trichlorophenol	147	U	ND		130	ug/L		88	(32%-122%)		
2,4-Dichlorophenol	147	U	ND		136	ug/L		92	(30%-117%)		
2,4-Dimethylphenol	147	U	ND		76.8	ug/L		52	(21%-75%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dinitrophenol	147	U	ND		146	ug/L		99	(24%-128%)	LL2	04/17/26 01:16
2,4-Dinitrotoluene	147	U	ND		144	ug/L		98	(36%-129%)		
2,6-Dinitrotoluene	147	U	ND		143	ug/L		97	(35%-126%)		
2-Chloronaphthalene	147	U	ND		138	ug/L		94	(31%-114%)		
2-Chlorophenol	147	U	ND		130	ug/L		88	(25%-106%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		144	ug/L		98	(25%-131%)		
2-Methylnaphthalene	147	U	ND		140	ug/L		95	(32%-117%)		
2-Nitrophenol	147	U	ND		141	ug/L		96	(28%-118%)		
3,3'-Dichlorobenzidine	147	U	ND		126	ug/L		86	(24%-119%)		
4-Bromophenylphenylether	147	U	ND		137	ug/L		93	(36%-126%)		
4-Chloro-3-methylphenol	147	U	ND		126	ug/L		85	(32%-122%)		
4-Chloroaniline	147	U	ND		122	ug/L		83	(27%-117%)		
4-Chlorophenylphenylether	147	U	ND		136	ug/L		92	(35%-126%)		
4-Nitrophenol	147	U	ND		142	ug/L		96*	(9%-95%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Acenaphthene	147	U	ND		129	ug/L		88	(33%-118%)	LL2	04/17/26 01:16
Acenaphthylene	147	U	ND		118	ug/L		80	(30%-112%)		
Acetophenone	147	U	ND		121	ug/L		82	(31%-118%)		
Anthracene	147	U	ND		126	ug/L		86	(35%-122%)		
Atrazine	147	U	ND		78.5	ug/L		53	(26%-158%)		
Benzaldehyde	147	U	ND	U	ND	ug/L		0 *	(16%-109%)		
Benzo(a)anthracene	147	U	ND		128	ug/L		87	(33%-122%)		
Benzo(a)pyrene	147	U	ND		125	ug/L		85	(30%-121%)		
Benzo(b)fluoranthene	147	U	ND		142	ug/L		96	(33%-128%)		
Benzo(ghi)perylene	147	U	ND		138	ug/L		94	(31%-131%)		
Benzo(k)fluoranthene	147	U	ND		134	ug/L		91	(32%-128%)		
Butylbenzylphthalate	147	U	ND		146	ug/L		99	(35%-136%)		
Carbazole	147	U	ND		138	ug/L		94	(39%-129%)		
Chrysene	147	U	ND		125	ug/L		85	(34%-122%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2977541												
Di-n-butylphthalate	147	U	ND		140	ug/L		95	(36%-133%)	LL2	04/17/26	01:16
Di-n-octylphthalate	147	U	ND		148	ug/L		100	(29%-136%)			
Dibenzo(a,h)anthracene	147	U	ND		135	ug/L		92	(30%-124%)			
Dibenzofuran	147	U	ND		131	ug/L		89	(36%-120%)			
Diethylphthalate	147	U	ND		136	ug/L		92	(37%-133%)			
Dimethylphthalate	147	U	ND		134	ug/L		91	(36%-131%)			
Diphenylamine	147	U	ND		132	ug/L		90	(33%-124%)			
Fluoranthene	147	U	ND		140	ug/L		95	(36%-128%)			
Fluorene	147	U	ND		132	ug/L		90	(35%-124%)			
Hexachlorobenzene	147	U	ND		135	ug/L		92	(34%-123%)			
Hexachlorobutadiene	147	U	ND		111	ug/L		76	(22%-97%)			
Hexachlorocyclopentadiene	147	U	ND		42.7	ug/L		29	(18%-65%)			
Hexachloroethane	147	U	ND		102	ug/L		70	(20%-91%)			
Indeno(1,2,3-cd)pyrene	147	U	ND		137	ug/L		93	(29%-127%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Isophorone	147	U	ND		114	ug/L		77	(27%-128%)	LL2	04/17/26 01:16
N-Nitrosodipropylamine	147	U	ND		134	ug/L		91	(30%-128%)		
Naphthalene	147	U	ND		125	ug/L		85	(30%-109%)		
Nitrobenzene	147	U	ND		127	ug/L		86	(30%-117%)		
Pentachlorophenol	147	U	ND		140	ug/L		95	(30%-131%)		
Phenanthrene	147	U	ND		130	ug/L		89	(35%-122%)		
Phenol	147	U	ND		109	ug/L		74	(16%-74%)		
Pyrene	147	U	ND		139	ug/L		95	(36%-130%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		124	ug/L		84	(19%-144%)		
bis(2-Chloroethoxy)methane	147	U	ND		134	ug/L		91	(31%-117%)		
bis(2-Chloroethyl) ether	147	U	ND		129	ug/L		87	(29%-113%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		136	ug/L		92	(29%-135%)		
m,p-Cresols	147	U	ND		143	ug/L		97	(21%-105%)		
m-Nitroaniline	147	U	ND		141	ug/L		96	(29%-127%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
o-Cresol	147	U	ND		126	ug/L		85	(23%-104%)	LL2	04/17/26 01:16
o-Nitroaniline	147	U	ND		163	ug/L		111	(32%-130%)		
p-Nitroaniline	147	U	ND		156	ug/L		106	(33%-134%)		
**2,4,6-Tribromophenol	294		85.3		270	ug/L		92	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		115	ug/L		78	(32%-102%)		
**2-Fluorophenol	294		42.4		209	ug/L		71	(15%-72%)		
**Nitrobenzene-d5	147		36.3		119	ug/L		81	(31%-100%)		
**Phenol-d5	294		27.1		193	ug/L		66	(15%-85%)		
**p-Terphenyl-d14	147		39.1		126	ug/L		86	(20%-118%)		
QC1206435784 771903001 MSD											
1,1'-Biphenyl	147	U	ND		127	ug/L	15	87	(0%-30%)		04/17/26 01:42
1,2,4,5-Tetrachlorobenzene	147	U	ND		125	ug/L	15	85	(0%-30%)		
2,3,4,6-Tetrachlorophenol	147	U	ND		151	ug/L	15	103	(0%-30%)		
2,4,5-Trichlorophenol	147	U	ND		152	ug/L	15	103	(0%-30%)		
2,4,6-Trichlorophenol	147	U	ND		151	ug/L	15	102	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
2,4-Dichlorophenol	147	U	ND		155	ug/L	13	105	(0%-30%)	LL2	04/17/26 01:42
2,4-Dimethylphenol	147	U	ND		87.0	ug/L	12	59	(0%-30%)		
2,4-Dinitrophenol	147	U	ND		165	ug/L	12	112	(0%-30%)		
2,4-Dinitrotoluene	147	U	ND		166	ug/L	15	113	(0%-30%)		
2,6-Dinitrotoluene	147	U	ND		165	ug/L	14	112	(0%-30%)		
2-Chloronaphthalene	147	U	ND		156	ug/L	12	106	(0%-30%)		
2-Chlorophenol	147	U	ND		145	ug/L	11	99	(0%-30%)		
2-Methyl-4,6-dinitrophenol	147	U	ND		170	ug/L	17	115	(0%-30%)		
2-Methylnaphthalene	147	U	ND		160	ug/L	13	108	(0%-30%)		
2-Nitrophenol	147	U	ND		163	ug/L	14	111	(0%-30%)		
3,3'-Dichlorobenzidine	147	U	ND		146	ug/L	15	99	(0%-30%)		
4-Bromophenylphenylether	147	U	ND		158	ug/L	14	107	(0%-30%)		
4-Chloro-3-methylphenol	147	U	ND		153	ug/L	19	104	(0%-30%)		
4-Chloroaniline	147	U	ND		139	ug/L	13	95	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%		Range	Anlst	Date Time
Semi-Volatile-GC/MS													
Batch 2977541													
4-Chlorophenylphenylether	147	U	ND		157	ug/L	15		107		(0%-30%)	LL2	04/17/26 01:42
4-Nitrophenol	147	U	ND		137	ug/L	3		93		(0%-30%)		
Acenaphthene	147	U	ND		150	ug/L	15		102		(0%-30%)		
Acenaphthylene	147	U	ND		136	ug/L	14		92		(0%-30%)		
Acetophenone	147	U	ND		138	ug/L	13		94		(0%-30%)		
Anthracene	147	U	ND		143	ug/L	13		97		(0%-30%)		
Atrazine	147	U	ND		83.6	ug/L	6		57		(0%-30%)		
Benzaldehyde	147	U	ND	J	21.5	ug/L	200	*	15	*	(0%-30%)		
Benzo(a)anthracene	147	U	ND		148	ug/L	15		101		(0%-30%)		
Benzo(a)pyrene	147	U	ND		144	ug/L	14		98		(0%-30%)		
Benzo(b)fluoranthene	147	U	ND		170	ug/L	18		116		(0%-30%)		
Benzo(ghi)perylene	147	U	ND		162	ug/L	16		110		(0%-30%)		
Benzo(k)fluoranthene	147	U	ND		147	ug/L	10		100		(0%-30%)		
Butylbenzylphthalate	147	U	ND		170	ug/L	15		116		(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Carbazole	147	U	ND		156	ug/L	12	106	(0%-30%)	LL2	04/17/26 01:42
Chrysene	147	U	ND		144	ug/L	14	98	(0%-30%)		
Di-n-butylphthalate	147	U	ND		161	ug/L	14	109	(0%-30%)		
Di-n-octylphthalate	147	U	ND		171	ug/L	14	116	(0%-30%)		
Dibenzo(a,h)anthracene	147	U	ND		157	ug/L	15	107	(0%-30%)		
Dibenzofuran	147	U	ND		151	ug/L	15	103	(0%-30%)		
Diethylphthalate	147	U	ND		157	ug/L	14	107	(0%-30%)		
Dimethylphthalate	147	U	ND		153	ug/L	13	104	(0%-30%)		
Diphenylamine	147	U	ND		150	ug/L	12	102	(0%-30%)		
Fluoranthene	147	U	ND		160	ug/L	13	108	(0%-30%)		
Fluorene	147	U	ND		151	ug/L	13	102	(0%-30%)		
Hexachlorobenzene	147	U	ND		156	ug/L	15	106	(0%-30%)		
Hexachlorobutadiene	147	U	ND		125	ug/L	11	85	(0%-30%)		
Hexachlorocyclopentadiene	147	U	ND		50.9	ug/L	18	35	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
Hexachloroethane	147	U	ND		112	ug/L	9	76	(0%-30%)	LL2	04/17/26 01:42
Indeno(1,2,3-cd)pyrene	147	U	ND		159	ug/L	15	108	(0%-30%)		
Isophorone	147	U	ND		130	ug/L	13	88	(0%-30%)		
N-Nitrosodipropylamine	147	U	ND		155	ug/L	15	105	(0%-30%)		
Naphthalene	147	U	ND		140	ug/L	12	95	(0%-30%)		
Nitrobenzene	147	U	ND		145	ug/L	13	98	(0%-30%)		
Pentachlorophenol	147	U	ND		161	ug/L	14	109	(0%-30%)		
Phenanthrene	147	U	ND		149	ug/L	13	101	(0%-30%)		
Phenol	147	U	ND		122	ug/L	12	83*	(0%-30%)		
Pyrene	147	U	ND		160	ug/L	14	108	(0%-30%)		
bis(2-Chloro-1-methylethyl)ether	147	U	ND		140	ug/L	12	95	(0%-30%)		
bis(2-Chloroethoxy)methane	147	U	ND		155	ug/L	14	105	(0%-30%)		
bis(2-Chloroethyl) ether	147	U	ND		142	ug/L	10	97	(0%-30%)		
bis(2-Ethylhexyl)phthalate	147	U	ND		158	ug/L	15	108	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2977541											
m,p-Cresols	147	U	ND		161	ug/L	12	110*	(0%-30%)	LL2	04/17/26 01:42
m-Nitroaniline	147	U	ND		160	ug/L	13	109	(0%-30%)		
o-Cresol	147	U	ND		141	ug/L	12	96	(0%-30%)		
o-Nitroaniline	147	U	ND		189	ug/L	15	128	(0%-30%)		
p-Nitroaniline	147	U	ND		175	ug/L	11	119	(0%-30%)		
**2,4,6-Tribromophenol	294		85.3		307	ug/L		104	(28%-113%)		
**2-Fluorobiphenyl	147		38.1		130	ug/L		89	(32%-102%)		
**2-Fluorophenol	294		42.4		230	ug/L		78*	(15%-72%)		
**Nitrobenzene-d5	147		36.3		135	ug/L		92	(31%-100%)		
**Phenol-d5	294		27.1		215	ug/L		73	(15%-85%)		
**p-Terphenyl-d14	147		39.1		141	ug/L		96	(20%-118%)		
Batch 2978441											
QC1206437201 LCS											
1,1'-Biphenyl	1660				1370	ug/kg		83	(47%-110%)	LL2	04/16/26 17:24
1,2,4,5-Tetrachlorobenzene	1660				1280	ug/kg		77	(42%-108%)		
2,3,4,6-Tetrachlorophenol	1660				1300	ug/kg		78	(44%-114%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
2,4,5-Trichlorophenol	1660			1430	ug/kg		86	(50%-121%)	LL2	04/16/26 17:24
2,4,6-Trichlorophenol	1660			1440	ug/kg		87	(48%-112%)		
2,4-Dichlorophenol	1660			1390	ug/kg		84	(47%-112%)		
2,4-Dimethylphenol	1660			987	ug/kg		60	(32%-74%)		
2,4-Dinitrophenol	1660			873	ug/kg		53	(22%-89%)		
2,4-Dinitrotoluene	1660			1450	ug/kg		88	(49%-121%)		
2,6-Dinitrotoluene	1660			1440	ug/kg		87	(47%-118%)		
2-Chloronaphthalene	1660			1400	ug/kg		85	(44%-107%)		
2-Chlorophenol	1660			1430	ug/kg		86	(46%-107%)		
2-Methyl-4,6-dinitrophenol	1660			1020	ug/kg		62	(21%-106%)		
2-Methylnaphthalene	1660			1550	ug/kg		94	(47%-109%)		
2-Nitrophenol	1660			1390	ug/kg		84	(44%-109%)		
3,3'-Dichlorobenzidine	1660			1260	ug/kg		76	(39%-100%)		
4-Bromophenylphenylether	1660			1440	ug/kg		87	(50%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
4-Chloro-3-methylphenol	1660			1490	ug/kg		90	(50%-114%)	LL2	04/16/26 17:24
4-Chloroaniline	1660			1290	ug/kg		78	(38%-96%)		
4-Chlorophenylphenylether	1660			1470	ug/kg		89	(50%-118%)		
4-Nitrophenol	1660			1620	ug/kg		98	(46%-120%)		
Acenaphthene	1660			1410	ug/kg		85	(45%-112%)		
Acenaphthylene	1660			1320	ug/kg		80	(43%-106%)		
Acetophenone	1660			1330	ug/kg		80	(35%-100%)		
Anthracene	1660			1500	ug/kg		91	(50%-115%)		
Atrazine	1660			1570	ug/kg		95	(51%-144%)		
Benzaldehyde	1660			457	ug/kg		28	(21%-89%)		
Benzo(a)anthracene	1660			1450	ug/kg		87	(51%-117%)		
Benzo(a)pyrene	1660			1400	ug/kg		84	(48%-118%)		
Benzo(b)fluoranthene	1660			1510	ug/kg		92	(51%-121%)		
Benzo(ghi)perylene	1660			1470	ug/kg		89	(51%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Benzo(k)fluoranthene	1660			1510	ug/kg		91	(50%-124%)	LL2	04/16/26 17:24
Butylbenzylphthalate	1660			1680	ug/kg		102	(51%-133%)		
Carbazole	1660			1510	ug/kg		91	(53%-119%)		
Chrysene	1660			1410	ug/kg		85	(52%-116%)		
Di-n-butylphthalate	1660			1640	ug/kg		99	(54%-126%)		
Di-n-octylphthalate	1660			1580	ug/kg		95	(50%-133%)		
Dibenzo(a,h)anthracene	1660			1440	ug/kg		87	(48%-120%)		
Dibenzofuran	1660			1420	ug/kg		86	(50%-110%)		
Diethylphthalate	1660			1560	ug/kg		94	(52%-123%)		
Dimethylphthalate	1660			1470	ug/kg		89	(49%-124%)		
Diphenylamine	1660			1540	ug/kg		93	(51%-115%)		
Fluoranthene	1660			1510	ug/kg		91	(52%-121%)		
Fluorene	1660			1450	ug/kg		88	(50%-116%)		
Hexachlorobenzene	1660			1440	ug/kg		87	(48%-117%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Hexachlorobutadiene	1660			1300	ug/kg		79	(40%-105%)	LL2	04/16/26 17:24
Hexachlorocyclopentadiene	1660			538	ug/kg		33	(26%-82%)		
Hexachloroethane	1660			1340	ug/kg		81	(38%-95%)		
Indeno(1,2,3-cd)pyrene	1660			1440	ug/kg		87	(47%-123%)		
Isophorone	1660			1400	ug/kg		85	(37%-120%)		
N-Nitrosodipropylamine	1660			1600	ug/kg		97	(46%-113%)		
Naphthalene	1660			1380	ug/kg		83	(44%-105%)		
Nitrobenzene	1660			1510	ug/kg		91	(44%-106%)		
Pentachlorophenol	1660			1490	ug/kg		90	(36%-111%)		
Phenanthrene	1660			1450	ug/kg		88	(50%-114%)		
Phenol	1660			1530	ug/kg		92	(46%-107%)		
Pyrene	1660			1500	ug/kg		91	(53%-122%)		
bis(2-Chloro-1-methylethyl)ether	1660			1640	ug/kg		99	(31%-142%)		
bis(2-Chloroethoxy)methane	1660			1480	ug/kg		90	(45%-106%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
bis(2-Chloroethyl) ether	1660			1440	ug/kg		87	(44%-106%)	LL2	04/16/26 17:24
bis(2-Ethylhexyl)phthalate	1660			1670	ug/kg		101	(50%-134%)		
m,p-Cresols	1660			1470	ug/kg		89	(46%-106%)		
m-Nitroaniline	1660			1390	ug/kg		84	(41%-108%)		
o-Cresol	1660			1440	ug/kg		87	(45%-105%)		
o-Nitroaniline	1660			1660	ug/kg		100	(48%-117%)		
p-Nitroaniline	1660			1520	ug/kg		92	(49%-119%)		
**2,4,6-Tribromophenol	3310			2680	ug/kg		81	(20%-104%)		
**2-Fluorobiphenyl	1660			1250	ug/kg		76	(20%-93%)		
**2-Fluorophenol	3310			2730	ug/kg		83	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		81	(19%-90%)		
**Phenol-d5	3310			2830	ug/kg		85	(20%-99%)		
**p-Terphenyl-d14	1660			1320	ug/kg		80	(24%-107%)		
QC1206437200 MB										
1,1'-Biphenyl			U	ND	ug/kg					04/16/26 17:02

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
1,2,4,5-Tetrachlorobenzene			U	ND	ug/kg				LL2	04/16/26 17:02
2,3,4,6-Tetrachlorophenol			U	ND	ug/kg					
2,4,5-Trichlorophenol			U	ND	ug/kg					
2,4,6-Trichlorophenol			U	ND	ug/kg					
2,4-Dichlorophenol			U	ND	ug/kg					
2,4-Dimethylphenol			U	ND	ug/kg					
2,4-Dinitrophenol			U	ND	ug/kg					
2,4-Dinitrotoluene			U	ND	ug/kg					
2,6-Dinitrotoluene			U	ND	ug/kg					
2-Chloronaphthalene			U	ND	ug/kg					
2-Chlorophenol			U	ND	ug/kg					
2-Methyl-4,6-dinitrophenol			U	ND	ug/kg					
2-Methylnaphthalene			U	ND	ug/kg					
2-Nitrophenol			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
3,3'-Dichlorobenzidine			U	ND	ug/kg				LL2	04/16/26 17:02
4-Bromophenylphenylether			U	ND	ug/kg					
4-Chloro-3-methylphenol			U	ND	ug/kg					
4-Chloroaniline			U	ND	ug/kg					
4-Chlorophenylphenylether			U	ND	ug/kg					
4-Nitrophenol			U	ND	ug/kg					
Acenaphthene			U	ND	ug/kg					
Acenaphthylene			U	ND	ug/kg					
Acetophenone			U	ND	ug/kg					
Anthracene			U	ND	ug/kg					
Atrazine			U	ND	ug/kg					
Benzaldehyde			U	ND	ug/kg					
Benzo(a)anthracene			U	ND	ug/kg					
Benzo(a)pyrene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Benzo(b)fluoranthene			U	ND	ug/kg				LL2	04/16/26 17:02
Benzo(ghi)perylene			U	ND	ug/kg					
Benzo(k)fluoranthene			U	ND	ug/kg					
Butylbenzylphthalate			U	ND	ug/kg					
Carbazole			U	ND	ug/kg					
Chrysene			U	ND	ug/kg					
Di-n-butylphthalate			U	ND	ug/kg					
Di-n-octylphthalate			U	ND	ug/kg					
Dibenzo(a,h)anthracene			U	ND	ug/kg					
Dibenzofuran			U	ND	ug/kg					
Diethylphthalate			U	ND	ug/kg					
Dimethylphthalate			U	ND	ug/kg					
Diphenylamine			U	ND	ug/kg					
Fluoranthene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
Fluorene			U	ND	ug/kg				LL2	04/16/26 17:02
Hexachlorobenzene			U	ND	ug/kg					
Hexachlorobutadiene			U	ND	ug/kg					
Hexachlorocyclopentadiene			U	ND	ug/kg					
Hexachloroethane			U	ND	ug/kg					
Indeno(1,2,3-cd)pyrene			U	ND	ug/kg					
Isophorone			U	ND	ug/kg					
N-Nitrosodipropylamine			U	ND	ug/kg					
Naphthalene			U	ND	ug/kg					
Nitrobenzene			U	ND	ug/kg					
Pentachlorophenol			U	ND	ug/kg					
Phenanthrene			U	ND	ug/kg					
Phenol			U	ND	ug/kg					
Pyrene			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
bis(2-Chloro-1-methylethyl)ether			U	ND	ug/kg				LL2	04/16/26 17:02
bis(2-Chloroethoxy)methane			U	ND	ug/kg					
bis(2-Chloroethyl) ether			U	ND	ug/kg					
bis(2-Ethylhexyl)phthalate			U	ND	ug/kg					
m,p-Cresols			U	ND	ug/kg					
m-Nitroaniline			U	ND	ug/kg					
o-Cresol			U	ND	ug/kg					
o-Nitroaniline			U	ND	ug/kg					
p-Nitroaniline			U	ND	ug/kg					
**2,4,6-Tribromophenol	3320			2540	ug/kg		76	(20%-104%)		
**2-Fluorobiphenyl	1660			1260	ug/kg		76	(20%-93%)		
**2-Fluorophenol	3320			2730	ug/kg		82	(19%-94%)		
**Nitrobenzene-d5	1660			1350	ug/kg		82	(19%-90%)		
**Phenol-d5	3320			2740	ug/kg		83	(20%-99%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
**p-Terphenyl-d14	1660				1360	ug/kg		82	(24%-107%)	LL2	04/16/26 17:02
QC1206437202 771803012 MS											
1,1'-Biphenyl	8780	U	ND	J	1630	ug/kg		19	(16%-112%)		04/16/26 18:08
1,2,4,5-Tetrachlorobenzene	8780	U	ND	J	1510	ug/kg		17	(16%-106%)		
2,3,4,6-Tetrachlorophenol	8780	U	ND	J	1430	ug/kg		16	(15%-114%)		
2,4,5-Trichlorophenol	8780	U	ND	J	1630	ug/kg		19	(16%-122%)		
2,4,6-Trichlorophenol	8780	U	ND	J	1630	ug/kg		19	(16%-112%)		
2,4-Dichlorophenol	8780	U	ND	J	1650	ug/kg		19	(15%-112%)		
2,4-Dimethylphenol	8780	U	ND	J	1170	ug/kg		13*	(17%-73%)		
2,4-Dinitrophenol	8780	U	ND	J	2290	ug/kg		26	(19%-117%)		
2,4-Dinitrotoluene	8780	U	ND	J	1660	ug/kg		19	(15%-119%)		
2,6-Dinitrotoluene	8780	U	ND	J	1670	ug/kg		19	(14%-119%)		
2-Chloronaphthalene	8780	U	ND		1660	ug/kg		19	(15%-108%)		
2-Chlorophenol	8780	U	ND	J	1720	ug/kg		20	(17%-104%)		
2-Methyl-4,6-dinitrophenol	8780	U	ND	J	890	ug/kg		10	(10%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2978441												
2-Methylnaphthalene	8780	U	ND		1810	ug/kg		21	(16%-108%)	LL2	04/16/26	18:08
2-Nitrophenol	8780	U	ND	J	1560	ug/kg		18	(14%-107%)			
3,3'-Dichlorobenzidine	8780	U	ND	J	1590	ug/kg		18	(13%-95%)			
4-Bromophenylphenylether	8780	U	ND	J	1730	ug/kg		20	(16%-122%)			
4-Chloro-3-methylphenol	8780	U	ND		1840	ug/kg		21	(17%-116%)			
4-Chloroaniline	8780	U	ND	J	1610	ug/kg		18	(16%-91%)			
4-Chlorophenylphenylether	8780	U	ND	J	1720	ug/kg		20	(16%-120%)			
4-Nitrophenol	8780	U	ND		1790	ug/kg		20	(14%-122%)			
Acenaphthene	8780	U	ND		1670	ug/kg		19	(15%-114%)			
Acenaphthylene	8780	U	ND		1550	ug/kg		18	(16%-107%)			
Acetophenone	8780	U	ND	J	1610	ug/kg		18	(16%-97%)			
Anthracene	8780	U	ND		1820	ug/kg		21	(16%-119%)			
Atrazine	8780	U	ND		1890	ug/kg		22	(12%-144%)			
Benzaldehyde	8780	U	ND	U	ND	ug/kg		0 *	(12%-103%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Benzo(a)anthracene	8780	U	ND		1830	ug/kg		21	(16%-120%)	LL2	04/16/26 18:08
Benzo(a)pyrene	8780	U	ND		1740	ug/kg		20	(16%-119%)		
Benzo(b)fluoranthene	8780	U	ND		1860	ug/kg		21	(16%-123%)		
Benzo(ghi)perylene	8780	U	ND		1850	ug/kg		21	(15%-127%)		
Benzo(k)fluoranthene	8780	U	ND		1870	ug/kg		21	(16%-126%)		
Butylbenzylphthalate	8780	U	ND		2130	ug/kg		24	(14%-135%)		
Carbazole	8780	U	ND		1860	ug/kg		21	(16%-123%)		
Chrysene	8780	U	ND		1820	ug/kg		21	(17%-119%)		
Di-n-butylphthalate	8780	U	ND		2060	ug/kg		23	(16%-129%)		
Di-n-octylphthalate	8780	U	ND		1990	ug/kg		23	(16%-134%)		
Dibenzo(a,h)anthracene	8780	U	ND		1750	ug/kg		20	(16%-120%)		
Dibenzofuran	8780	U	ND	J	1690	ug/kg		19	(17%-114%)		
Diethylphthalate	8780	U	ND		1860	ug/kg		21	(16%-124%)		
Dimethylphthalate	8780	U	ND		1780	ug/kg		20	(16%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Diphenylamine	8780	U	ND		1850	ug/kg		21	(18%-116%)	LL2	04/16/26 18:08
Fluoranthene	8780	U	ND		1870	ug/kg		21	(17%-124%)		
Fluorene	8780	U	ND		1730	ug/kg		20	(16%-119%)		
Hexachlorobenzene	8780	U	ND	J	1720	ug/kg		20	(18%-117%)		
Hexachlorobutadiene	8780	U	ND	J	1510	ug/kg		17	(15%-101%)		
Hexachlorocyclopentadiene	8780	U	ND	U	ND	ug/kg		0*	(16%-60%)		
Hexachloroethane	8780	U	ND	J	1280	ug/kg		15*	(16%-87%)		
Indeno(1,2,3-cd)pyrene	8780	U	ND		1790	ug/kg		20	(14%-125%)		
Isophorone	8780	U	ND	J	1660	ug/kg		19	(12%-116%)		
N-Nitrosodipropylamine	8780	U	ND		1950	ug/kg		22	(14%-113%)		
Naphthalene	8780	U	ND		1620	ug/kg		18	(15%-105%)		
Nitrobenzene	8780	U	ND	J	1750	ug/kg		20	(15%-105%)		
Pentachlorophenol	8780	U	ND	J	1560	ug/kg		18	(11%-115%)		
Phenanthrene	8780	U	ND		1800	ug/kg		20	(15%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS												
Batch 2978441												
Phenol	8780	U	ND		1840	ug/kg		21	(16%-107%)	LL2	04/16/26	18:08
Pyrene	8780	U	ND		1870	ug/kg		21	(15%-127%)			
bis(2-Chloro-1-methylethyl)ether	8780	U	ND		1970	ug/kg		22	(10%-110%)			
bis(2-Chloroethoxy)methane	8780	U	ND		1770	ug/kg		20	(16%-105%)			
bis(2-Chloroethyl) ether	8780	U	ND	J	1710	ug/kg		19	(14%-106%)			
bis(2-Ethylhexyl)phthalate	8780	U	ND		2090	ug/kg		24	(15%-135%)			
m,p-Cresols	8780	U	ND		1780	ug/kg		20	(17%-106%)			
m-Nitroaniline	8780	U	ND	J	1710	ug/kg		19	(15%-103%)			
o-Cresol	8780	U	ND	J	1710	ug/kg		19	(17%-104%)			
o-Nitroaniline	8780	U	ND		1910	ug/kg		22	(16%-116%)			
p-Nitroaniline	8780	U	ND	J	1700	ug/kg		19	(12%-118%)			
**2,4,6-Tribromophenol	17600		7430		3180	ug/kg		18*	(20%-104%)			
**2-Fluorobiphenyl	8780		3260		1500	ug/kg		17*	(20%-93%)			
**2-Fluorophenol	17600		7010		3510	ug/kg		20	(19%-94%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
**Nitrobenzene-d5	8780		3350		1670	ug/kg			19	(19%-90%)	LL2	04/16/26	18:08
**Phenol-d5	17600		7450		3590	ug/kg			20	(20%-99%)			
**p-Terphenyl-d14	8780		4210		1770	ug/kg			20*	(24%-107%)			
QC1206437203 771803012 MSD													
1,1'-Biphenyl	8780	U	ND	J	1020	ug/kg	46	*	12*	(0%-30%)		04/16/26	18:30
1,2,4,5-Tetrachlorobenzene	8780	U	ND	J	920	ug/kg	48	*	10*	(0%-30%)			
2,3,4,6-Tetrachlorophenol	8780	U	ND	J	1030	ug/kg	32	*	12*	(0%-30%)			
2,4,5-Trichlorophenol	8780	U	ND	J	1160	ug/kg	34	*	13*	(0%-30%)			
2,4,6-Trichlorophenol	8780	U	ND	J	1130	ug/kg	37	*	13*	(0%-30%)			
2,4-Dichlorophenol	8780	U	ND	J	1050	ug/kg	45	*	12*	(0%-30%)			
2,4-Dimethylphenol	8780	U	ND	J	734	ug/kg	46	*	8*	(0%-30%)			
2,4-Dinitrophenol	8780	U	ND	J	2190	ug/kg	4		25	(0%-30%)			
2,4-Dinitrotoluene	8780	U	ND	J	1160	ug/kg	36	*	13*	(0%-30%)			
2,6-Dinitrotoluene	8780	U	ND	J	1140	ug/kg	38	*	13*	(0%-30%)			
2-Chloronaphthalene	8780	U	ND		1040	ug/kg	45	*	12*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
2-Chlorophenol	8780	U	ND	J	1020	ug/kg	51	*	12*	(0%-30%)	LL2	04/16/26	18:30
2-Methyl-4,6-dinitrophenol	8780	U	ND	J	687	ug/kg	26		8*	(0%-30%)			
2-Methylnaphthalene	8780	U	ND		1080	ug/kg	51	*	12*	(0%-30%)			
2-Nitrophenol	8780	U	ND	J	915	ug/kg	52	*	10*	(0%-30%)			
3,3'-Dichlorobenzidine	8780	U	ND	J	1210	ug/kg	27		14	(0%-30%)			
4-Bromophenylphenylether	8780	U	ND	J	1210	ug/kg	35	*	14*	(0%-30%)			
4-Chloro-3-methylphenol	8780	U	ND	J	1250	ug/kg	38	*	14*	(0%-30%)			
4-Chloroaniline	8780	U	ND	J	1060	ug/kg	41	*	12*	(0%-30%)			
4-Chlorophenylphenylether	8780	U	ND	J	1230	ug/kg	34	*	14*	(0%-30%)			
4-Nitrophenol	8780	U	ND	J	1270	ug/kg	34	*	14	(0%-30%)			
Acenaphthene	8780	U	ND		1120	ug/kg	40	*	13*	(0%-30%)			
Acenaphthylene	8780	U	ND		999	ug/kg	43	*	11*	(0%-30%)			
Acetophenone	8780	U	ND	J	957	ug/kg	51	*	11*	(0%-30%)			
Anthracene	8780	U	ND		1330	ug/kg	31	*	15*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS											
Batch 2978441											
Atrazine	8780	U	ND	J	1440	ug/kg	27	16	(0%-30%)	LL2	04/16/26 18:30
Benzaldehyde	8780	U	ND	U	ND	ug/kg	N/A	0*	(0%-30%)		
Benzo(a)anthracene	8780	U	ND		1420	ug/kg	25	16	(0%-30%)		
Benzo(a)pyrene	8780	U	ND		1370	ug/kg	24	16	(0%-30%)		
Benzo(b)fluoranthene	8780	U	ND		1470	ug/kg	23	17	(0%-30%)		
Benzo(ghi)perylene	8780	U	ND		1420	ug/kg	27	16	(0%-30%)		
Benzo(k)fluoranthene	8780	U	ND		1450	ug/kg	25	16	(0%-30%)		
Butylbenzylphthalate	8780	U	ND		1660	ug/kg	25	19	(0%-30%)		
Carbazole	8780	U	ND		1400	ug/kg	28	16	(0%-30%)		
Chrysene	8780	U	ND		1390	ug/kg	27	16*	(0%-30%)		
Di-n-butylphthalate	8780	U	ND		1550	ug/kg	28	18	(0%-30%)		
Di-n-octylphthalate	8780	U	ND		1540	ug/kg	26	18	(0%-30%)		
Dibenzo(a,h)anthracene	8780	U	ND		1360	ug/kg	25	15*	(0%-30%)		
Dibenzofuran	8780	U	ND	J	1150	ug/kg	38 *	13*	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
Diethylphthalate	8780	U	ND		1310	ug/kg	35	*	15*	(0%-30%)	LL2	04/16/26	18:30
Dimethylphthalate	8780	U	ND		1240	ug/kg	36	*	14*	(0%-30%)			
Diphenylamine	8780	U	ND	J	1310	ug/kg	34	*	15*	(0%-30%)			
Fluoranthene	8780	U	ND		1430	ug/kg	27		16*	(0%-30%)			
Fluorene	8780	U	ND		1180	ug/kg	38	*	13*	(0%-30%)			
Hexachlorobenzene	8780	U	ND	J	1250	ug/kg	32	*	14*	(0%-30%)			
Hexachlorobutadiene	8780	U	ND	J	834	ug/kg	58	*	9*	(0%-30%)			
Hexachlorocyclopentadiene	8780	U	ND	U	ND	ug/kg	N/A		0*	(0%-30%)			
Hexachloroethane	8780	U	ND	J	599	ug/kg	73	*	7*	(0%-30%)			
Indeno(1,2,3-cd)pyrene	8780	U	ND		1390	ug/kg	26		16	(0%-30%)			
Isophorone	8780	U	ND	J	1000	ug/kg	49	*	11*	(0%-30%)			
N-Nitrosodipropylamine	8780	U	ND	J	1200	ug/kg	47	*	14	(0%-30%)			
Naphthalene	8780	U	ND		931	ug/kg	54	*	11*	(0%-30%)			
Nitrobenzene	8780	U	ND	J	1040	ug/kg	51	*	12*	(0%-30%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS													
Batch 2978441													
Pentachlorophenol	8780	U	ND	J	1150	ug/kg	30		13	(0%-30%)	LL2	04/16/26	18:30
Phenanthrene	8780	U	ND		1310	ug/kg	31	*	15	(0%-30%)			
Phenol	8780	U	ND	J	1180	ug/kg	44	*	13*	(0%-30%)			
Pyrene	8780	U	ND		1430	ug/kg	27		16	(0%-30%)			
bis(2-Chloro-1-methylethyl)ether	8780	U	ND	J	1110	ug/kg	55	*	13	(0%-30%)			
bis(2-Chloroethoxy)methane	8780	U	ND	J	1080	ug/kg	48	*	12*	(0%-30%)			
bis(2-Chloroethyl) ether	8780	U	ND	J	971	ug/kg	55	*	11*	(0%-30%)			
bis(2-Ethylhexyl)phthalate	8780	U	ND		1630	ug/kg	25		19	(0%-30%)			
m,p-Cresols	8780	U	ND	J	1190	ug/kg	40	*	14*	(0%-30%)			
m-Nitroaniline	8780	U	ND	J	1200	ug/kg	35	*	14*	(0%-30%)			
o-Cresol	8780	U	ND	J	1070	ug/kg	46	*	12*	(0%-30%)			
o-Nitroaniline	8780	U	ND	J	1290	ug/kg	38	*	15*	(0%-30%)			
p-Nitroaniline	8780	U	ND	J	1250	ug/kg	31	*	14	(0%-30%)			
**2,4,6-Tribromophenol	17600		7430		2110	ug/kg			12*	(20%-104%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 2978441										
**2-Fluorobiphenyl	8780	3260		897	ug/kg		10*	(20%-93%)	LL2	04/16/26 18:30
**2-Fluorophenol	17600	7010		1950	ug/kg		11*	(19%-94%)		
**Nitrobenzene-d5	8780	3350		894	ug/kg		10*	(19%-90%)		
**Phenol-d5	17600	7450		2190	ug/kg		12*	(20%-99%)		
**p-Terphenyl-d14	8780	4210		1260	ug/kg		14*	(24%-107%)		
Semi-Volatiles-PCB										
Batch 2979246										
QC1206438587 LCS										
Aroclor-1016	1.00			0.801	ug/L		80	(70%-130%)	JXM	04/17/26 11:46
Aroclor-1260	1.00			0.832	ug/L		83	(70%-130%)		
**4cmx	0.200			0.148	ug/L		74	(28%-114%)		
**Decachlorobiphenyl	0.200			0.153	ug/L		76	(30%-135%)		
QC1206438586 MB										
Aroclor-1016			U	ND	ug/L					04/17/26 11:35
Aroclor-1221			U	ND	ug/L					
Aroclor-1232			U	ND	ug/L					
Aroclor-1242			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-PCB												
Batch 2979246												
Aroclor-1248				U	ND	ug/L				JXM	04/17/26	11:35
Aroclor-1254				U	ND	ug/L						
Aroclor-1260				U	ND	ug/L						
Aroclor-1262				U	ND	ug/L						
Aroclor-1268				U	ND	ug/L						
**4cmx	0.200				0.141	ug/L		70	(28%-114%)			
**Decachlorobiphenyl	0.200				0.144	ug/L		72	(30%-135%)			
QC1206438588 772714003 MS												
Aroclor-1016	2.00	U	ND		1.62	ug/L		81	(36%-114%)		04/17/26	12:46
Aroclor-1260	2.00	U	ND		1.45	ug/L		72	(31%-121%)			
**4cmx	0.400		0.146		0.284	ug/L		71	(28%-114%)			
**Decachlorobiphenyl	0.400		0.130		0.186	ug/L		46	(30%-135%)			
QC1206438589 772714003 MSD												
Aroclor-1016	2.00	U	ND		1.64	ug/L	1	82	(0%-30%)		04/17/26	13:02
Aroclor-1260	2.00	U	ND		1.52	ug/L	5	76	(0%-31%)			
**4cmx	0.400		0.146		0.287	ug/L		72	(28%-114%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-PCB										
Batch 2979246										
**Decachlorobiphenyl	0.400	0.130		0.204	ug/L		51	(30%-135%)	JXM	04/17/26 13:02
Semi-Volatiles-Pesticide										
Batch 2979097										
QC1206438367 LCS										
4,4'-DDD	1.25			1.25	ug/L		100	(70%-130%)	YS1	04/17/26 11:03
4,4'-DDE	1.25			1.17	ug/L		94	(70%-130%)		
4,4'-DDT	1.25			1.21	ug/L		97	(70%-130%)		
Aldrin	0.500			0.498	ug/L		100	(70%-130%)		
Dieldrin	1.25			1.24	ug/L		99	(70%-130%)		
Endosulfan I	0.500			0.462	ug/L		92	(70%-130%)		
Endosulfan II	1.25			1.22	ug/L		98	(70%-130%)		
Endosulfan sulfate	1.25			1.09	ug/L		87	(70%-130%)		
Endrin	1.25			1.19	ug/L		95	(70%-130%)		
Endrin aldehyde	1.25			1.29	ug/L		103	(70%-130%)		
Endrin ketone	1.25			1.28	ug/L		102	(70%-130%)		
Heptachlor	0.500			0.456	ug/L		91	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
Heptachlor epoxide	0.500			0.517	ug/L		103	(70%-130%)	YS1	04/17/26 11:03
Methoxychlor	5.00			4.64	ug/L		93	(70%-130%)		
alpha-BHC	0.500			0.507	ug/L		101	(70%-130%)		
beta-BHC	0.500			0.450	ug/L		90	(70%-130%)		
cis-Chlordane	0.500			0.484	ug/L		97	(70%-130%)		
delta-BHC	0.500			0.534	ug/L		107	(70%-130%)		
gamma-BHC (Lindane)	0.500			0.503	ug/L		101	(70%-130%)		
trans-Chlordane	0.500			0.486	ug/L		97	(70%-130%)		
**4cmx	1.00			0.833	ug/L		83	(29%-119%)		
**Decachlorobiphenyl	1.00			0.881	ug/L		88	(43%-140%)		
QC1206438369 LCS										
Toxaphene	4.00			3.85	ug/L		96	(70%-130%)		04/17/26 11:21
**4cmx	1.00			0.847	ug/L		85	(29%-119%)		
**Decachlorobiphenyl	1.00			0.901	ug/L		90	(43%-140%)		
QC1206438368 LCSD										
4,4'-DDD	1.25			1.27	ug/L	1	101	(0%-30%)		04/17/26 11:39

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
4,4'-DDE	1.25			1.17	ug/L	1	93	(0%-30%)	YS1	04/17/26 11:39
4,4'-DDT	1.25			1.22	ug/L	0	97	(0%-30%)		
Aldrin	0.500			0.498	ug/L	0	100	(0%-30%)		
Dieldrin	1.25			1.25	ug/L	1	100	(0%-30%)		
Endosulfan I	0.500			0.466	ug/L	1	93	(0%-30%)		
Endosulfan II	1.25			1.26	ug/L	3	101	(0%-30%)		
Endosulfan sulfate	1.25			1.12	ug/L	3	90	(0%-30%)		
Endrin	1.25			1.20	ug/L	1	96	(0%-30%)		
Endrin aldehyde	1.25			1.32	ug/L	3	106	(0%-30%)		
Endrin ketone	1.25			1.29	ug/L	1	103	(0%-30%)		
Heptachlor	0.500			0.460	ug/L	1	92	(0%-30%)		
Heptachlor epoxide	0.500			0.524	ug/L	1	105	(0%-30%)		
Methoxychlor	5.00			4.64	ug/L	0	93	(0%-30%)		
alpha-BHC	0.500			0.514	ug/L	1	103	(0%-30%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
beta-BHC	0.500			0.463	ug/L	3	93	(0%-30%)	YS1	04/17/26 11:39
cis-Chlordane	0.500			0.487	ug/L	0	97	(0%-30%)		
delta-BHC	0.500			0.546	ug/L	2	109	(0%-30%)		
gamma-BHC (Lindane)	0.500			0.513	ug/L	2	103	(0%-30%)		
trans-Chlordane	0.500			0.486	ug/L	0	97	(0%-30%)		
**4cmx	1.00			0.853	ug/L		85	(29%-119%)		
**Decachlorobiphenyl	1.00			0.906	ug/L		91	(43%-140%)		
QC1206438366 MB										
4,4'-DDD			U	ND	ug/L					04/17/26 10:44
4,4'-DDE			U	ND	ug/L					
4,4'-DDT			U	ND	ug/L					
Aldrin			U	ND	ug/L					
Dieldrin			U	ND	ug/L					
Endosulfan I			U	ND	ug/L					
Endosulfan II			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide										
Batch 2979097										
Endosulfan sulfate			U	ND	ug/L				YS1	04/17/26 10:44
Endrin			U	ND	ug/L					
Endrin aldehyde			U	ND	ug/L					
Endrin ketone			U	ND	ug/L					
Heptachlor			U	ND	ug/L					
Heptachlor epoxide			U	ND	ug/L					
Methoxychlor			U	ND	ug/L					
Toxaphene			U	ND	ug/L					
alpha-BHC			U	ND	ug/L					
beta-BHC			U	ND	ug/L					
cis-Chlordane			U	ND	ug/L					
delta-BHC			U	ND	ug/L					
gamma-BHC (Lindane)			U	ND	ug/L					
trans-Chlordane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date Time
Semi-Volatiles-Pesticide											
Batch 2979097											
**4cmx	1.00			0.873	ug/L			87	(29%-119%)	YS1	04/17/26 10:44
**Decachlorobiphenyl	1.00			0.944	ug/L			94	(43%-140%)		
Spectrometric Analysis											
Batch 2975721											
QC1206432725 771803002 DUP											
Hexavalent Chromium	U	ND	U	ND	mg/L	N/A				IS2	04/10/26 10:00
QC1206432727 771804009 DUP											
Hexavalent Chromium	J	0.00525	J	0.00525	mg/L	0	^		(+/-0.0100)		04/10/26 10:01
QC1206432724 LCS											
Hexavalent Chromium	0.0472			0.0498	mg/L			106	(85%-115%)		04/10/26 10:00
QC1206432723 MB											
Hexavalent Chromium			U	ND	mg/L						04/10/26 10:00
QC1206432726 771803002 MS											
Hexavalent Chromium	0.0472	U	ND	0.0510	mg/L			108	(85%-115%)		04/10/26 10:00
Batch 2980165											
QC1206440372 771638009 DUP											
Hexavalent Chromium	U	ND	U	ND	mg/kg	N/A				BR2	04/22/26 16:01
QC1206440374 ILCS											
Hexavalent Chromium	7.86			7.72	mg/kg			98.2	(80%-120%)		04/22/26 16:01
QC1206440369 LCS											
Hexavalent Chromium	3.41			3.27	mg/kg			95.8	(80%-120%)		04/22/26 16:01

QC Summary

Workorder: 771803

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Spectrometric Analysis											
Batch 2980165											
QC1206440368 MB											
Hexavalent Chromium				U	ND	mg/kg				BR2	04/22/26 16:01
QC1206440373 771638009 MS											
Hexavalent Chromium	3.90	U	ND		3.43	mg/kg		87.3	(75%-125%)		04/22/26 16:01
Volatile-GC/MS											
Batch 2981765											
QC1206443374 LCS											
1,1,1-Trichloroethane	50.0				54.0	ug/L		108	(70%-130%)	CO1	04/21/26 08:20
1,1,2,2-Tetrachloroethane	50.0				45.2	ug/L		90	(70%-130%)		
1,1,2-Trichloroethane	50.0				44.1	ug/L		88	(70%-130%)		
1,1-Dichloroethane	50.0				46.7	ug/L		93	(70%-130%)		
1,1-Dichloroethylene	50.0				55.7	ug/L		111	(70%-130%)		
1,2,3-Trichlorobenzene	50.0				47.9	ug/L		96	(70%-130%)		
1,2,4-Trichlorobenzene	50.0				49.6	ug/L		99	(70%-130%)		
1,2-Dibromo-3-chloropropane	50.0				41.9	ug/L		84	(70%-130%)		
1,2-Dibromoethane	50.0				46.1	ug/L		92	(70%-130%)		
1,2-Dichlorobenzene	50.0				47.9	ug/L		96	(70%-130%)		
1,2-Dichloroethane	50.0				47.8	ug/L		96	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
1,2-Dichloropropane	50.0			43.1	ug/L		86	(70%-130%)	CO1	04/21/26 08:20
1,3-Dichlorobenzene	50.0			48.2	ug/L		96	(70%-130%)		
1,4-Dichlorobenzene	50.0			47.4	ug/L		95	(70%-130%)		
2-Butanone	250			212	ug/L		85	(70%-130%)		
2-Hexanone	250			217	ug/L		87	(70%-130%)		
4-Methyl-2-pentanone	250			218	ug/L		87	(70%-130%)		
Acetone	250			218	ug/L		87	(70%-130%)		
Benzene	50.0			44.6	ug/L		89	(70%-130%)		
Bromochloromethane	50.0			46.2	ug/L		92	(70%-130%)		
Bromodichloromethane	50.0			49.1	ug/L		98	(70%-130%)		
Bromoform	50.0			46.1	ug/L		92	(70%-130%)		
Bromomethane	50.0			49.7	ug/L		99	(70%-130%)		
Carbon disulfide	250			259	ug/L		104	(70%-130%)		
Carbon tetrachloride	50.0			55.8	ug/L		112	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Chlorobenzene	50.0			46.2	ug/L		92	(70%-130%)	CO1	04/21/26 08:20
Chloroethane	50.0			54.3	ug/L		109	(70%-130%)		
Chloroform	50.0			48.6	ug/L		97	(70%-130%)		
Chloromethane	50.0			50.7	ug/L		101	(70%-130%)		
Cyclohexane	50.0			47.1	ug/L		94	(70%-130%)		
Dibromochloromethane	50.0			51.8	ug/L		104	(70%-130%)		
Dichlorodifluoromethane	50.0			57.7	ug/L		115	(70%-130%)		
Ethylbenzene	50.0			48.2	ug/L		96	(70%-130%)		
Isopropylbenzene	50.0			53.6	ug/L		107	(70%-130%)		
Methyl acetate	250			215	ug/L		86	(70%-130%)		
Methylcyclohexane	50.0			47.1	ug/L		94	(70%-130%)		
Methylene chloride	50.0			48.0	ug/L		96	(70%-130%)		
Styrene	50.0			49.9	ug/L		100	(70%-130%)		
Tetrachloroethylene	50.0			49.0	ug/L		98	(70%-130%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Toluene	50.0			47.1	ug/L		94	(70%-130%)	CO1	04/21/26 08:20
Trichloroethylene	50.0			49.6	ug/L		99	(70%-130%)		
Trichlorofluoromethane	50.0			53.7	ug/L		107	(70%-130%)		
Vinyl chloride	50.0			56.9	ug/L		114	(70%-130%)		
cis-1,2-Dichloroethylene	50.0			46.5	ug/L		93	(70%-130%)		
cis-1,3-Dichloropropylene	50.0			47.3	ug/L		95	(70%-130%)		
m,p-Xylenes	100			96.3	ug/L		96	(70%-130%)		
o-Xylene	50.0			49.1	ug/L		98	(70%-130%)		
tert-Butyl methyl ether	50.0			44.0	ug/L		88	(70%-130%)		
trans-1,2-Dichloroethylene	50.0			50.9	ug/L		102	(70%-130%)		
trans-1,3-Dichloropropylene	50.0			46.8	ug/L		94	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			54.3	ug/L		109	(71%-131%)		
**Bromofluorobenzene	50.0			54.5	ug/L		109	(77%-123%)		
**Toluene-d8	50.0			54.0	ug/L		108	(77%-121%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
QC1206443375 LCS										
1,4-Dioxane	2500			1990	ug/L		80	(70%-130%)	CO1	04/21/26 08:46
Trichlorotrifluoroethane	250			247	ug/L		99	(70%-130%)		
**1,2-Dichloroethane-d4	50.0			53.4	ug/L		107	(71%-131%)		
**Bromofluorobenzene	50.0			53.4	ug/L		107	(77%-123%)		
**Toluene-d8	50.0			53.0	ug/L		106	(77%-121%)		
QC1206443376 MB										
1,1,1-Trichloroethane			U	ND	ug/L					04/21/26 09:37
1,1,2,2-Tetrachloroethane			U	ND	ug/L					
1,1,2-Trichloroethane			U	ND	ug/L					
1,1-Dichloroethane			U	ND	ug/L					
1,1-Dichloroethylene			U	ND	ug/L					
1,2,3-Trichlorobenzene			U	ND	ug/L					
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dibromo-3-chloropropane			U	ND	ug/L					
1,2-Dibromoethane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
1,2-Dichlorobenzene			U	ND	ug/L				CO1	04/21/26 09:37
1,2-Dichloroethane			U	ND	ug/L					
1,2-Dichloropropane			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
1,4-Dioxane			U	ND	ug/L					
2-Butanone			U	ND	ug/L					
2-Hexanone			U	ND	ug/L					
4-Methyl-2-pentanone			U	ND	ug/L					
Acetone			U	ND	ug/L					
Benzene			U	ND	ug/L					
Bromochloromethane			U	ND	ug/L					
Bromodichloromethane			U	ND	ug/L					
Bromoform			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Bromomethane			U	ND	ug/L				CO1	04/21/26 09:37
Carbon disulfide			U	ND	ug/L					
Carbon tetrachloride			U	ND	ug/L					
Chlorobenzene			U	ND	ug/L					
Chloroethane			U	ND	ug/L					
Chloroform			U	ND	ug/L					
Chloromethane			U	ND	ug/L					
Cyclohexane			U	ND	ug/L					
Dibromochloromethane			U	ND	ug/L					
Dichlorodifluoromethane			U	ND	ug/L					
Ethylbenzene			U	ND	ug/L					
Isopropylbenzene			U	ND	ug/L					
Methyl acetate			U	ND	ug/L					
Methylcyclohexane			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2981765										
Methylene chloride			U	ND	ug/L				CO1	04/21/26 09:37
Styrene			U	ND	ug/L					
Tetrachloroethylene			U	ND	ug/L					
Toluene			U	ND	ug/L					
Trichloroethylene			U	ND	ug/L					
Trichlorofluoromethane			U	ND	ug/L					
Trichlorotrifluoroethane			U	ND	ug/L					
Vinyl chloride			U	ND	ug/L					
cis-1,2-Dichloroethylene			U	ND	ug/L					
cis-1,3-Dichloropropylene			U	ND	ug/L					
m,p-Xylenes			U	ND	ug/L					
o-Xylene			U	ND	ug/L					
tert-Butyl methyl ether			U	ND	ug/L					
trans-1,2-Dichloroethylene			U	ND	ug/L					

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
trans-1,3-Dichloropropylene				U	ND	ug/L				CO1	04/21/26 09:37
**1,2-Dichloroethane-d4	50.0				54.2	ug/L		108	(71%-131%)		
**Bromofluorobenzene	50.0				52.1	ug/L		104	(77%-123%)		
**Toluene-d8	50.0				52.6	ug/L		105	(77%-121%)		
QC1206443377 773323001 MS											
1,1,1-Trichloroethane	50.0	U	ND		57.8	ug/L		116	(60%-123%)		04/21/26 16:46
1,1,2,2-Tetrachloroethane	50.0	U	ND		44.7	ug/L		89	(58%-125%)		
1,1,2-Trichloroethane	50.0	U	ND		45.9	ug/L		92	(62%-123%)		
1,1-Dichloroethane	50.0	U	ND		49.7	ug/L		99	(66%-128%)		
1,1-Dichloroethylene	50.0	U	ND		56.9	ug/L		114	(59%-138%)		
1,2,3-Trichlorobenzene	50.0	U	ND		48.6	ug/L		97	(40%-140%)		
1,2,4-Trichlorobenzene	50.0	U	ND		49.7	ug/L		99	(51%-129%)		
1,2-Dibromo-3-chloropropane	50.0	U	ND		43.5	ug/L		87	(49%-133%)		
1,2-Dibromoethane	50.0	U	ND		49.0	ug/L		98	(66%-125%)		
1,2-Dichlorobenzene	50.0	U	ND		48.3	ug/L		97	(58%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
1,2-Dichloroethane	50.0	U	ND		58.6	ug/L		117	(58%-130%)	CO1	04/21/26 16:46
1,2-Dichloropropane	50.0	U	ND		47.0	ug/L		94	(65%-124%)		
1,3-Dichlorobenzene	50.0	U	ND		47.6	ug/L		95	(56%-122%)		
1,4-Dichlorobenzene	50.0	U	ND		47.8	ug/L		96	(54%-123%)		
2-Butanone	250	U	ND		255	ug/L		102	(59%-136%)		
2-Hexanone	250	U	ND		263	ug/L		105	(58%-145%)		
4-Methyl-2-pentanone	250	U	ND		238	ug/L		95	(63%-135%)		
Acetone	250	U	ND		264	ug/L		106	(50%-140%)		
Benzene	50.0	U	ND		45.1	ug/L		90	(64%-119%)		
Bromochloromethane	50.0	U	ND		47.5	ug/L		95	(63%-130%)		
Bromodichloromethane	50.0	U	ND		55.4	ug/L		111	(65%-125%)		
Bromoform	50.0	U	ND		47.0	ug/L		94	(49%-129%)		
Bromomethane	50.0	U	ND		47.0	ug/L		94	(55%-154%)		
Carbon disulfide	250	U	ND		241	ug/L		96	(60%-139%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Carbon tetrachloride	50.0	U	ND		60.3	ug/L		121	(60%-127%)	CO1	04/21/26 16:46
Chlorobenzene	50.0	U	ND		46.9	ug/L		94	(61%-120%)		
Chloroethane	50.0	U	ND		49.3	ug/L		99	(60%-138%)		
Chloroform	50.0	U	ND		52.5	ug/L		105	(64%-122%)		
Chloromethane	50.0	U	ND		49.4	ug/L		99	(43%-161%)		
Cyclohexane	50.0	U	ND		47.3	ug/L		95	(51%-125%)		
Dibromochloromethane	50.0	U	ND		56.6	ug/L		113	(60%-130%)		
Dichlorodifluoromethane	50.0	U	ND		55.3	ug/L		111	(37%-162%)		
Ethylbenzene	50.0	U	ND		48.7	ug/L		97	(57%-122%)		
Isopropylbenzene	50.0	U	ND		50.4	ug/L		101	(53%-128%)		
Methyl acetate	250	U	ND		250	ug/L		100	(58%-145%)		
Methylcyclohexane	50.0	U	ND		46.5	ug/L		93	(58%-122%)		
Methylene chloride	50.0	J	1.01		47.8	ug/L		94	(61%-135%)		
Styrene	50.0	U	ND		51.8	ug/L		104	(55%-125%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Tetrachloroethylene	50.0	U	ND		47.6	ug/L		95	(53%-124%)	CO1	04/21/26 16:46
Toluene	50.0	U	ND		45.8	ug/L		92	(60%-120%)		
Trichloroethylene	50.0	U	ND		50.8	ug/L		102	(59%-126%)		
Trichlorofluoromethane	50.0	U	ND		54.9	ug/L		110	(51%-134%)		
Vinyl chloride	50.0	U	ND		54.0	ug/L		108	(42%-155%)		
cis-1,2-Dichloroethylene	50.0	U	ND		45.9	ug/L		92	(65%-124%)		
cis-1,3-Dichloropropylene	50.0	U	ND		51.3	ug/L		103	(61%-123%)		
m,p-Xylenes	100	U	ND		95.9	ug/L		96	(58%-122%)		
o-Xylene	50.0	U	ND		51.2	ug/L		102	(59%-123%)		
tert-Butyl methyl ether	50.0	U	ND		47.3	ug/L		95	(60%-124%)		
trans-1,2-Dichloroethylene	50.0	U	ND		53.1	ug/L		106	(64%-127%)		
trans-1,3-Dichloropropylene	50.0	U	ND		50.3	ug/L		101	(62%-127%)		
**1,2-Dichloroethane-d4	50.0		57.5		65.3	ug/L		131	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		53.7	ug/L		107	(77%-123%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
**Toluene-d8	50.0		54.1		53.6	ug/L		107	(77%-121%)	CO1	04/21/26 16:46
QC1206443379 773323001 MS											
1,4-Dioxane	2500	U	ND		2170	ug/L		87	(50%-136%)		04/21/26 17:36
Trichlorotrifluoroethane	250	U	ND		235	ug/L		94	(47%-141%)		
**1,2-Dichloroethane-d4	50.0		57.5		58.2	ug/L		116	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		54.6	ug/L		109	(77%-123%)		
**Toluene-d8	50.0		54.1		54.5	ug/L		109	(77%-121%)		
QC1206443378 773323001 MSD											
1,1,1-Trichloroethane	50.0	U	ND		54.6	ug/L	6	109	(0%-20%)		04/21/26 17:11
1,1,2,2-Tetrachloroethane	50.0	U	ND		44.7	ug/L	0	89	(0%-20%)		
1,1,2-Trichloroethane	50.0	U	ND		45.4	ug/L	1	91	(0%-20%)		
1,1-Dichloroethane	50.0	U	ND		47.9	ug/L	4	96	(0%-20%)		
1,1-Dichloroethylene	50.0	U	ND		55.2	ug/L	3	110	(0%-20%)		
1,2,3-Trichlorobenzene	50.0	U	ND		47.2	ug/L	3	94	(0%-20%)		
1,2,4-Trichlorobenzene	50.0	U	ND		48.9	ug/L	2	98	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
1,2-Dibromo-3-chloropropane	50.0	U	ND		42.7	ug/L	2	85	(0%-20%)	CO1	04/21/26 17:11
1,2-Dibromoethane	50.0	U	ND		47.5	ug/L	3	95	(0%-20%)		
1,2-Dichlorobenzene	50.0	U	ND		47.8	ug/L	1	96	(0%-20%)		
1,2-Dichloroethane	50.0	U	ND		54.3	ug/L	8	109	(0%-20%)		
1,2-Dichloropropane	50.0	U	ND		44.9	ug/L	5	90	(0%-20%)		
1,3-Dichlorobenzene	50.0	U	ND		47.1	ug/L	1	94	(0%-20%)		
1,4-Dichlorobenzene	50.0	U	ND		47.6	ug/L	0	95	(0%-20%)		
2-Butanone	250	U	ND		241	ug/L	6	96	(0%-20%)		
2-Hexanone	250	U	ND		249	ug/L	5	100	(0%-20%)		
4-Methyl-2-pentanone	250	U	ND		233	ug/L	2	93	(0%-20%)		
Acetone	250	U	ND		249	ug/L	6	100	(0%-20%)		
Benzene	50.0	U	ND		44.3	ug/L	2	89	(0%-20%)		
Bromochloromethane	50.0	U	ND		47.0	ug/L	1	94	(0%-20%)		
Bromodichloromethane	50.0	U	ND		52.6	ug/L	5	105	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Bromoform	50.0	U	ND		46.4	ug/L	1	93	(0%-20%)	CO1	04/21/26 17:11
Bromomethane	50.0	U	ND		47.4	ug/L	1	95	(0%-20%)		
Carbon disulfide	250	U	ND		240	ug/L	0	96	(0%-20%)		
Carbon tetrachloride	50.0	U	ND		56.4	ug/L	7	113	(0%-20%)		
Chlorobenzene	50.0	U	ND		46.0	ug/L	2	92	(0%-20%)		
Chloroethane	50.0	U	ND		49.4	ug/L	0	99	(0%-20%)		
Chloroform	50.0	U	ND		50.6	ug/L	4	101	(0%-20%)		
Chloromethane	50.0	U	ND		50.6	ug/L	2	101	(0%-20%)		
Cyclohexane	50.0	U	ND		45.7	ug/L	3	91	(0%-20%)		
Dibromochloromethane	50.0	U	ND		54.0	ug/L	5	108	(0%-20%)		
Dichlorodifluoromethane	50.0	U	ND		52.3	ug/L	6	105	(0%-20%)		
Ethylbenzene	50.0	U	ND		47.8	ug/L	2	96	(0%-20%)		
Isopropylbenzene	50.0	U	ND		50.0	ug/L	1	100	(0%-20%)		
Methyl acetate	250	U	ND		239	ug/L	5	95	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
Methylcyclohexane	50.0	U	ND		44.9	ug/L	3	90	(0%-20%)	CO1	04/21/26 17:11
Methylene chloride	50.0	J	1.01		47.7	ug/L	0	93	(0%-20%)		
Styrene	50.0	U	ND		50.4	ug/L	3	101	(0%-20%)		
Tetrachloroethylene	50.0	U	ND		46.8	ug/L	2	94	(0%-20%)		
Toluene	50.0	U	ND		45.5	ug/L	1	91	(0%-20%)		
Trichloroethylene	50.0	U	ND		49.2	ug/L	3	98	(0%-20%)		
Trichlorofluoromethane	50.0	U	ND		51.9	ug/L	6	104	(0%-20%)		
Vinyl chloride	50.0	U	ND		52.8	ug/L	2	106	(0%-20%)		
cis-1,2-Dichloroethylene	50.0	U	ND		46.1	ug/L	0	92	(0%-20%)		
cis-1,3-Dichloropropylene	50.0	U	ND		48.8	ug/L	5	98	(0%-20%)		
m,p-Xylenes	100	U	ND		94.3	ug/L	2	94	(0%-20%)		
o-Xylene	50.0	U	ND		49.5	ug/L	3	99	(0%-20%)		
tert-Butyl methyl ether	50.0	U	ND		45.9	ug/L	3	92	(0%-20%)		
trans-1,2-Dichloroethylene	50.0	U	ND		51.4	ug/L	3	103	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2981765											
trans-1,3-Dichloropropylene	50.0	U	ND		48.8	ug/L	3	98	(0%-20%)	CO1	04/21/26 17:11
**1,2-Dichloroethane-d4	50.0		57.5		60.5	ug/L		121	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		53.0	ug/L		106	(77%-123%)		
**Toluene-d8	50.0		54.1		53.5	ug/L		107	(77%-121%)		
QC1206443380 773323001 MSD											
1,4-Dioxane	2500	U	ND		2100	ug/L	3	84	(0%-20%)		04/21/26 18:01
Trichlorotrifluoroethane	250	U	ND		229	ug/L	3	92	(0%-20%)		
**1,2-Dichloroethane-d4	50.0		57.5		57.1	ug/L		114	(71%-131%)		
**Bromofluorobenzene	50.0		52.4		52.5	ug/L		105	(77%-123%)		
**Toluene-d8	50.0		54.1		53.5	ug/L		107	(77%-121%)		
Batch 2982825											
QC1206445295 HB											
1,1,1-Trichloroethane				U	ND	ug/kg				JM6	04/22/26 13:26
1,1,2,2-Tetrachloroethane				U	ND	ug/kg					
1,1,2-Trichloroethane				U	ND	ug/kg					
1,1-Dichloroethane				U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethylene			U	ND	ug/kg				JM6	04/22/26	13:26
1,2,3-Trichlorobenzene			U	ND	ug/kg						
1,2,4-Trichlorobenzene			U	ND	ug/kg						
1,2-Dibromo-3-chloropropane			U	ND	ug/kg						
1,2-Dibromoethane			U	ND	ug/kg						
1,2-Dichlorobenzene			U	ND	ug/kg						
1,2-Dichloroethane			U	ND	ug/kg						
1,2-Dichloropropane			U	ND	ug/kg						
1,3-Dichlorobenzene			U	ND	ug/kg						
1,4-Dichlorobenzene			U	ND	ug/kg						
1,4-Dioxane			U	ND	ug/kg						
2-Butanone			U	ND	ug/kg						
2-Hexanone			U	ND	ug/kg						
4-Methyl-2-pentanone			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Acetone			U	ND	ug/kg				JM6	04/22/26	13:26
Benzene			U	ND	ug/kg						
Bromochloromethane			U	ND	ug/kg						
Bromodichloromethane			U	ND	ug/kg						
Bromoform			U	ND	ug/kg						
Bromomethane			U	ND	ug/kg						
Carbon disulfide			U	ND	ug/kg						
Carbon tetrachloride			U	ND	ug/kg						
Chlorobenzene			U	ND	ug/kg						
Chloroethane			U	ND	ug/kg						
Chloroform			U	ND	ug/kg						
Chloromethane			U	ND	ug/kg						
Cyclohexane			U	ND	ug/kg						
Dibromochloromethane			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Dichlorodifluoromethane			U	ND	ug/kg				JM6	04/22/26	13:26
Ethylbenzene			U	ND	ug/kg						
Isopropylbenzene			U	ND	ug/kg						
Methyl acetate			U	ND	ug/kg						
Methylcyclohexane			U	ND	ug/kg						
Methylene chloride			U	ND	ug/kg						
Styrene			U	ND	ug/kg						
Tetrachloroethylene			U	ND	ug/kg						
Toluene			U	ND	ug/kg						
Trichloroethylene			U	ND	ug/kg						
Trichlorofluoromethane			U	ND	ug/kg						
Trichlorotrifluoroethane			U	ND	ug/kg						
Vinyl chloride			U	ND	ug/kg						
cis-1,2-Dichloroethylene			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
cis-1,3-Dichloropropylene			U	ND	ug/kg				JM6	04/22/26 13:26
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			52.9	ug/L		106	(75%-131%)		
**Bromofluorobenzene	50.0			50.3	ug/L		101	(67%-136%)		
**Toluene-d8	50.0			49.8	ug/L		100	(79%-122%)		
QC1206445290 LCS										
1,1,1-Trichloroethane	50.0			43.8	ug/kg		88	(72%-126%)		04/22/26 11:19
1,1,2,2-Tetrachloroethane	50.0			40.0	ug/kg		80	(69%-120%)		
1,1,2-Trichloroethane	50.0			42.0	ug/kg		84	(74%-120%)		
1,1-Dichloroethane	50.0			42.6	ug/kg		85	(72%-126%)		
1,1-Dichloroethylene	50.0			46.7	ug/kg		93	(71%-136%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,2,3-Trichlorobenzene	50.0			47.5	ug/kg		95	(67%-130%)	JM6	04/22/26	11:19
1,2,4-Trichlorobenzene	50.0			47.5	ug/kg		95	(68%-130%)			
1,2-Dibromo-3-chloropropane	50.0			37.8	ug/kg		76	(60%-135%)			
1,2-Dibromoethane	50.0			44.6	ug/kg		89	(79%-120%)			
1,2-Dichlorobenzene	50.0			43.1	ug/kg		86	(73%-120%)			
1,2-Dichloroethane	50.0			44.9	ug/kg		90	(66%-123%)			
1,2-Dichloropropane	50.0			43.0	ug/kg		86	(72%-120%)			
1,3-Dichlorobenzene	50.0			42.5	ug/kg		85	(72%-120%)			
1,4-Dichlorobenzene	50.0			41.0	ug/kg		82	(72%-120%)			
2-Butanone	250			212	ug/kg		85	(66%-125%)			
2-Hexanone	250			242	ug/kg		97	(64%-131%)			
4-Methyl-2-pentanone	250			225	ug/kg		90	(70%-126%)			
Acetone	250			184	ug/kg		73	(60%-124%)			
Benzene	50.0			41.0	ug/kg		82	(73%-120%)			

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
Bromochloromethane	50.0			43.4	ug/kg		87	(73%-123%)	JM6	04/22/26 11:19
Bromodichloromethane	50.0			46.4	ug/kg		93	(74%-124%)		
Bromoform	50.0			40.5	ug/kg		81	(64%-126%)		
Bromomethane	50.0			41.8	ug/kg		84	(67%-138%)		
Carbon disulfide	250			213	ug/kg		85	(69%-136%)		
Carbon tetrachloride	50.0			43.9	ug/kg		88	(72%-132%)		
Chlorobenzene	50.0			39.7	ug/kg		79	(74%-120%)		
Chloroethane	50.0			39.7	ug/kg		79	(69%-133%)		
Chloroform	50.0			43.6	ug/kg		87	(72%-122%)		
Chloromethane	50.0			36.2	ug/kg		72	(53%-142%)		
Cyclohexane	50.0			46.1	ug/kg		92	(63%-130%)		
Dibromochloromethane	50.0			47.4	ug/kg		95	(73%-125%)		
Dichlorodifluoromethane	50.0			35.5	ug/kg		71	(57%-150%)		
Ethylbenzene	50.0			42.8	ug/kg		86	(72%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
Isopropylbenzene	50.0			47.8	ug/kg		96	(74%-129%)	JM6	04/22/26 11:19
Methyl acetate	250			209	ug/kg		84	(66%-131%)		
Methylcyclohexane	50.0			44.0	ug/kg		88	(71%-127%)		
Methylene chloride	50.0			39.6	ug/kg		79	(71%-124%)		
Styrene	50.0			40.5	ug/kg		81	(70%-123%)		
Tetrachloroethylene	50.0			41.7	ug/kg		83	(68%-126%)		
Toluene	50.0			40.9	ug/kg		82	(73%-120%)		
Trichloroethylene	50.0			44.1	ug/kg		88	(74%-122%)		
Trichlorofluoromethane	50.0			38.6	ug/kg		77	(66%-137%)		
Vinyl chloride	50.0			40.9	ug/kg		82	(54%-142%)		
cis-1,2-Dichloroethylene	50.0			45.9	ug/kg		92	(73%-122%)		
cis-1,3-Dichloropropylene	50.0			40.7	ug/kg		81	(74%-123%)		
m,p-Xylenes	100			89.0	ug/kg		89	(72%-121%)		
o-Xylene	50.0			47.0	ug/kg		94	(73%-120%)		

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
tert-Butyl methyl ether	50.0			39.6	ug/kg		79	(63%-128%)	JM6	04/22/26 11:19
trans-1,2-Dichloroethylene	50.0			45.1	ug/kg		90	(72%-126%)		
trans-1,3-Dichloropropylene	50.0			40.0	ug/kg		80	(74%-125%)		
**1,2-Dichloroethane-d4	50.0			53.4	ug/L		107	(75%-131%)		
**Bromofluorobenzene	50.0			50.2	ug/L		100	(67%-136%)		
**Toluene-d8	50.0			48.4	ug/L		97	(79%-122%)		
QC1206445291 LCS										
1,4-Dioxane	2500			2110	ug/kg		84	(57%-134%)		04/22/26 12:10
Trichlorotrifluoroethane	250			199	ug/kg		80	(59%-136%)		
**1,2-Dichloroethane-d4	50.0			56.2	ug/L		112	(75%-131%)		
**Bromofluorobenzene	50.0			53.2	ug/L		106	(67%-136%)		
**Toluene-d8	50.0			48.3	ug/L		97	(79%-122%)		
QC1206445292 MB										
1,1,1-Trichloroethane			U	ND	ug/kg					04/22/26 13:01
1,1,2,2-Tetrachloroethane			U	ND	ug/kg					
1,1,2-Trichloroethane			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethane			U	ND	ug/kg				JM6	04/22/26	13:01
1,1-Dichloroethylene			U	ND	ug/kg						
1,2,3-Trichlorobenzene			U	ND	ug/kg						
1,2,4-Trichlorobenzene			U	ND	ug/kg						
1,2-Dibromo-3-chloropropane			U	ND	ug/kg						
1,2-Dibromoethane			U	ND	ug/kg						
1,2-Dichlorobenzene			U	ND	ug/kg						
1,2-Dichloroethane			U	ND	ug/kg						
1,2-Dichloropropane			U	ND	ug/kg						
1,3-Dichlorobenzene			U	ND	ug/kg						
1,4-Dichlorobenzene			U	ND	ug/kg						
1,4-Dioxane			U	ND	ug/kg						
2-Butanone			U	ND	ug/kg						
2-Hexanone			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
4-Methyl-2-pentanone			U	ND	ug/kg				JM6	04/22/26 13:01
Acetone			U	ND	ug/kg					
Benzene			U	ND	ug/kg					
Bromochloromethane			U	ND	ug/kg					
Bromodichloromethane			U	ND	ug/kg					
Bromoform			U	ND	ug/kg					
Bromomethane			U	ND	ug/kg					
Carbon disulfide			U	ND	ug/kg					
Carbon tetrachloride			U	ND	ug/kg					
Chlorobenzene			U	ND	ug/kg					
Chloroethane			U	ND	ug/kg					
Chloroform			U	ND	ug/kg					
Chloromethane			U	ND	ug/kg					
Cyclohexane			U	ND	ug/kg					

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS											
Batch 2982825											
Dibromochloromethane			U	ND	ug/kg				JM6	04/22/26	13:01
Dichlorodifluoromethane			U	ND	ug/kg						
Ethylbenzene			U	ND	ug/kg						
Isopropylbenzene			U	ND	ug/kg						
Methyl acetate			U	ND	ug/kg						
Methylcyclohexane			U	ND	ug/kg						
Methylene chloride			U	ND	ug/kg						
Styrene			U	ND	ug/kg						
Tetrachloroethylene			U	ND	ug/kg						
Toluene			U	ND	ug/kg						
Trichloroethylene			U	ND	ug/kg						
Trichlorofluoromethane			U	ND	ug/kg						
Trichlorotrifluoroethane			U	ND	ug/kg						
Vinyl chloride			U	ND	ug/kg						

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS										
Batch 2982825										
cis-1,2-Dichloroethylene			U	ND	ug/kg				JM6	04/22/26 13:01
cis-1,3-Dichloropropylene			U	ND	ug/kg					
m,p-Xylenes			U	ND	ug/kg					
o-Xylene			U	ND	ug/kg					
tert-Butyl methyl ether			U	ND	ug/kg					
trans-1,2-Dichloroethylene			U	ND	ug/kg					
trans-1,3-Dichloropropylene			U	ND	ug/kg					
**1,2-Dichloroethane-d4	50.0			52.5	ug/L		105	(75%-131%)		
**Bromofluorobenzene	50.0			51.2	ug/L		102	(67%-136%)		
**Toluene-d8	50.0			49.1	ug/L		98	(79%-122%)		
QC1206445293 771803012 MS										
1,1,1-Trichloroethane	24000	U	ND	23400	ug/kg		97	(41%-133%)		04/22/26 19:51
1,1,2,2-Tetrachloroethane	24000	U	ND	21600	ug/kg		90	(37%-136%)		
1,1,2-Trichloroethane	24000	U	ND	23000	ug/kg		96	(44%-128%)		
1,1-Dichloroethane	24000	U	ND	23600	ug/kg		98	(44%-135%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
1,1-Dichloroethylene	24000	U	ND		27000	ug/kg		113	(40%-147%)	JM6	04/22/26 19:51
1,2,3-Trichlorobenzene	24000	U	ND		23100	ug/kg		97	(30%-133%)		
1,2,4-Trichlorobenzene	24000	U	ND		23100	ug/kg		97	(29%-139%)		
1,2-Dibromo-3-chloropropane	24000	U	ND		19100	ug/kg		80	(30%-142%)		
1,2-Dibromoethane	24000	U	ND		24000	ug/kg		100	(45%-133%)		
1,2-Dichlorobenzene	24000	U	ND		22300	ug/kg		93	(24%-133%)		
1,2-Dichloroethane	24000	U	ND		25300	ug/kg		105	(43%-129%)		
1,2-Dichloropropane	24000	U	ND		23800	ug/kg		99	(44%-128%)		
1,3-Dichlorobenzene	24000	U	ND		22300	ug/kg		93	(24%-132%)		
1,4-Dichlorobenzene	24000	U	ND		21400	ug/kg		89	(24%-132%)		
2-Butanone	120000	U	ND		113000	ug/kg		94	(43%-134%)		
2-Hexanone	120000	U	ND		127000	ug/kg		106	(34%-142%)		
4-Methyl-2-pentanone	120000	U	ND		121000	ug/kg		101	(44%-137%)		
Acetone	120000	U	ND		95700	ug/kg		80	(37%-134%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2982825												
Benzene	24000	U	ND		22700	ug/kg		95	(43%-127%)	JM6	04/22/26	19:51
Bromochloromethane	24000	U	ND		23900	ug/kg		100	(45%-132%)			
Bromodichloromethane	24000	U	ND		25700	ug/kg		107	(44%-130%)			
Bromoform	24000	U	ND		22300	ug/kg		93	(34%-131%)			
Bromomethane	24000	U	ND		13800	ug/kg		57	(15%-150%)			
Carbon disulfide	120000	U	ND		124000	ug/kg		103	(39%-145%)			
Carbon tetrachloride	24000	U	ND		23400	ug/kg		97	(40%-137%)			
Chlorobenzene	24000	U	ND		21300	ug/kg		89	(35%-128%)			
Chloroethane	24000	U	ND		23600	ug/kg		99	(35%-142%)			
Chloroform	24000	U	ND		24000	ug/kg		100	(44%-129%)			
Chloromethane	24000	U	ND		21300	ug/kg		89	(32%-150%)			
Cyclohexane	24000	U	ND		25400	ug/kg		106	(30%-136%)			
Dibromochloromethane	24000	U	ND		25400	ug/kg		106	(42%-130%)			
Dichlorodifluoromethane	24000	U	ND		25100	ug/kg		105	(31%-159%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
Ethylbenzene	24000	U	ND		22700	ug/kg		95	(33%-131%)	JM6	04/22/26 19:51
Isopropylbenzene	24000	U	ND		25800	ug/kg		108	(27%-147%)		
Methyl acetate	120000	U	ND		118000	ug/kg		98	(42%-154%)		
Methylcyclohexane	24000	U	ND		23200	ug/kg		97	(27%-137%)		
Methylene chloride	24000	U	ND		23100	ug/kg		96	(43%-136%)		
Styrene	24000	U	ND		21500	ug/kg		90	(29%-133%)		
Tetrachloroethylene	24000	U	ND		21900	ug/kg		91	(31%-134%)		
Toluene	24000	U	ND		22000	ug/kg		92	(35%-132%)		
Trichloroethylene	24000	U	ND		24500	ug/kg		102	(39%-133%)		
Trichlorofluoromethane	24000	U	ND		21700	ug/kg		90	(39%-140%)		
Vinyl chloride	24000	U	ND		23300	ug/kg		97	(32%-146%)		
cis-1,2-Dichloroethylene	24000	U	ND		25500	ug/kg		106	(43%-131%)		
cis-1,3-Dichloropropylene	24000	U	ND		22400	ug/kg		93	(38%-131%)		
m,p-Xylenes	47900	U	ND		46800	ug/kg		98	(32%-131%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
o-Xylene	24000	U	ND		25100	ug/kg		105	(33%-131%)	JM6	04/22/26 19:51
tert-Butyl methyl ether	24000	U	ND		23100	ug/kg		96	(46%-128%)		
trans-1,2-Dichloroethylene	24000	U	ND		25300	ug/kg		106	(41%-135%)		
trans-1,3-Dichloropropylene	24000	U	ND		22100	ug/kg		92	(37%-135%)		
**1,2-Dichloroethane-d4	50.0		52.6		54.8	ug/L		110	(75%-131%)		
**Bromofluorobenzene	50.0		50.2		52.3	ug/L		105	(67%-136%)		
**Toluene-d8	50.0		48.3		48.7	ug/L		97	(79%-122%)		
QC1206445430 771803012 MS											
1,4-Dioxane	1200000	U	ND		1170000	ug/kg		98	(40%-142%)		04/22/26 20:42
Trichlorotrifluoroethane	120000	U	ND		112000	ug/kg		94	(35%-133%)		
**1,2-Dichloroethane-d4	50.0		52.6		55.7	ug/L		111	(75%-131%)		
**Bromofluorobenzene	50.0		50.2		54.1	ug/L		108	(67%-136%)		
**Toluene-d8	50.0		48.3		48.9	ug/L		98	(79%-122%)		
QC1206445294 771803012 MSD											
1,1,1-Trichloroethane	24000	U	ND		23300	ug/kg	0	97	(0%-20%)		04/22/26 20:16
1,1,2,2-Tetrachloroethane	24000	U	ND		21900	ug/kg	1	91	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
Volatile-GC/MS												
Batch 2982825												
1,1,2-Trichloroethane	24000	U	ND		23100	ug/kg	0	96	(0%-20%)	JM6	04/22/26	20:16
1,1-Dichloroethane	24000	U	ND		23500	ug/kg	0	98	(0%-20%)			
1,1-Dichloroethylene	24000	U	ND		27100	ug/kg	0	113	(0%-20%)			
1,2,3-Trichlorobenzene	24000	U	ND		24800	ug/kg	7	104	(0%-20%)			
1,2,4-Trichlorobenzene	24000	U	ND		24800	ug/kg	7	104	(0%-20%)			
1,2-Dibromo-3-chloropropane	24000	U	ND		20400	ug/kg	7	85	(0%-20%)			
1,2-Dibromoethane	24000	U	ND		24100	ug/kg	0	101	(0%-20%)			
1,2-Dichlorobenzene	24000	U	ND		22700	ug/kg	1	95	(0%-20%)			
1,2-Dichloroethane	24000	U	ND		25400	ug/kg	1	106	(0%-20%)			
1,2-Dichloropropane	24000	U	ND		23800	ug/kg	0	99	(0%-20%)			
1,3-Dichlorobenzene	24000	U	ND		22100	ug/kg	1	92	(0%-20%)			
1,4-Dichlorobenzene	24000	U	ND		21100	ug/kg	1	88	(0%-20%)			
2-Butanone	120000	U	ND		125000	ug/kg	10	104	(0%-20%)			
2-Hexanone	120000	U	ND		133000	ug/kg	5	111	(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Volatile-GC/MS													
Batch 2982825													
4-Methyl-2-pentanone	120000	U	ND		126000	ug/kg	4		105	(0%-20%)	JM6	04/22/26	20:16
Acetone	120000	U	ND		109000	ug/kg	13		91	(0%-20%)			
Benzene	24000	U	ND		22700	ug/kg	0		95	(0%-20%)			
Bromochloromethane	24000	U	ND		23600	ug/kg	1		99	(0%-20%)			
Bromodichloromethane	24000	U	ND		25400	ug/kg	1		106	(0%-20%)			
Bromoform	24000	U	ND		21800	ug/kg	2		91	(0%-20%)			
Bromomethane	24000	U	ND		6840	ug/kg	67	*	29	(0%-20%)			
Carbon disulfide	120000	U	ND		125000	ug/kg	1		104	(0%-20%)			
Carbon tetrachloride	24000	U	ND		23200	ug/kg	1		97	(0%-20%)			
Chlorobenzene	24000	U	ND		20700	ug/kg	3		86	(0%-20%)			
Chloroethane	24000	U	ND		26100	ug/kg	10		109	(0%-20%)			
Chloroform	24000	U	ND		24300	ug/kg	1		101	(0%-20%)			
Chloromethane	24000	U	ND		22000	ug/kg	3		92	(0%-20%)			
Cyclohexane	24000	U	ND		25700	ug/kg	1		107	(0%-20%)			

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date Time
Volatile-GC/MS											
Batch 2982825											
Dibromochloromethane	24000	U	ND		24900	ug/kg	2	104	(0%-20%)	JM6	04/22/26 20:16
Dichlorodifluoromethane	24000	U	ND		27200	ug/kg	8	114	(0%-20%)		
Ethylbenzene	24000	U	ND		22300	ug/kg	2	93	(0%-20%)		
Isopropylbenzene	24000	U	ND		25600	ug/kg	1	107	(0%-20%)		
Methyl acetate	120000	U	ND		124000	ug/kg	5	103	(0%-20%)		
Methylcyclohexane	24000	U	ND		23600	ug/kg	2	99	(0%-20%)		
Methylene chloride	24000	U	ND		23200	ug/kg	0	97	(0%-20%)		
Styrene	24000	U	ND		21300	ug/kg	1	89	(0%-20%)		
Tetrachloroethylene	24000	U	ND		21300	ug/kg	3	89	(0%-20%)		
Toluene	24000	U	ND		21800	ug/kg	1	91	(0%-20%)		
Trichloroethylene	24000	U	ND		24400	ug/kg	0	102	(0%-20%)		
Trichlorofluoromethane	24000	U	ND		23400	ug/kg	8	98	(0%-20%)		
Vinyl chloride	24000	U	ND		25200	ug/kg	8	105	(0%-20%)		
cis-1,2-Dichloroethylene	24000	U	ND		25700	ug/kg	1	107	(0%-20%)		

QC Summary

Workorder: **771803**

Parmname	NOM		Sample	Qual	QC	Units	RPD/D%		REC%	Range	Anlst	Date	Time
Volatile-GC/MS													
Batch 2982825													
cis-1,3-Dichloropropylene	24000	U	ND		22500	ug/kg	1		94	(0%-20%)	JM6	04/22/26	20:16
m,p-Xylenes	47900	U	ND		46700	ug/kg	0		98	(0%-20%)			
o-Xylene	24000	U	ND		24500	ug/kg	3		102	(0%-20%)			
tert-Butyl methyl ether	24000	U	ND		23400	ug/kg	1		98	(0%-20%)			
trans-1,2-Dichloroethylene	24000	U	ND		25500	ug/kg	1		106	(0%-20%)			
trans-1,3-Dichloropropylene	24000	U	ND		22300	ug/kg	1		93	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.6		56.6	ug/L			113	(75%-131%)			
**Bromofluorobenzene	50.0		50.2		52.7	ug/L			105	(67%-136%)			
**Toluene-d8	50.0		48.3		49.1	ug/L			98	(79%-122%)			
QC1206445431 771803012 MSD													
1,4-Dioxane	599000	U	ND		622000	ug/kg	61	*	104	(0%-20%)		04/22/26	21:07
Trichlorotrifluoroethane	59900	U	ND		56800	ug/kg	66	*	95	(0%-20%)			
**1,2-Dichloroethane-d4	50.0		52.6		54.9	ug/L			110	(75%-131%)			
**Bromofluorobenzene	50.0		50.2		54.7	ug/L			109	(67%-136%)			
**Toluene-d8	50.0		48.3		49.0	ug/L			98	(79%-122%)			

Notes:

QC Summary

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time

The Qualifiers in this report are defined as follows:

U	U	Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
J	J	Value is estimated
h	h	Preparation or preservation holding time was exceeded
Q	Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
Q	Q	ISO17025 / NELAC accredited; SC certification not held at time of analysis
E	E	%difference of sample and SD is >10%. Sample concentration must meet flagging criteria

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
* Indicates that a Quality Control parameter was not within specifications.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Client : **GEL Engineering, LLC**
111 Smith Hines Road
Suite J
Greenville, South Carolina

Contact: **Robert MacPhee**

Workorder: **771803**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

Notes:

TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

The Qualifiers in this report are defined as follows:

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.
** Indicates analyte is a surrogate/tracer compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

Page: _____ of _____
Project # RVDE00425
GEL Quote #: GELP26-0217
COC Number (1): _____
PO Number:

Chain of Custody and Analytical Request

GEL Work Order Number: 771803
GEL Project Manager: Julie Robinson

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: GEL Engineering, LLC Phone #
Project/Site Name: Liberty Steel VCC Fax #
Address: Front St, Georgetown, SC
Collected By: Client (BPB) Send Results To: Reggie Reeves

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Radioactive (If yes, please supply isotopic info.)	(7) Known or possible Hazards	Total number of containers	HA: TCL VOCs	HA: TCL SVOCs	NI: Total TAL metals + Hg *	NI: Dissolved TAL metals + Hg *	Total Cr6	Dissolved Cr6	SH: Cyanide	PFAS 1633	TCL PCBs	TCL Pesticides	Comments
LS-TB-040926	04-09-26	0730	TB	N	DI			3	3										
LS-MW-04		1210	N	N*	GW			14	3	2	1	1	1	1	1		2	2	* Dissolved TAL
LS-MW-22		1335	N	N*	GW			9	3	2	1	1	1	1					metals + Cr6
LS-MW-22-DP		1337	DUP	N*	GW			9	3	2	1	1	1	1					filtered in field
LS-SW-06		1400	G	N*	SW			9	3	2	1	1	1	1					
LS-SW-06-DP		1402	DUP	N*	SW			9	3	2	1	1	1	1					
LS-SD-02		1420	G	N	SD			5	X	X	X		X						

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	[signature]	4-9-26	1650	M. Stevens	4-9-26	1650
2						
3						

TAT Requested: Normal: ✓ Rush: ___ Specify: _____ (Subject to Surcharge)

Fax Results: [ ] Yes [ ] No

Select Deliverable: [ ] C of A [ ] QC Summary [ ] level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4

Additional Remarks:

For Lab Receiving Use Only: *Custody Seal Intact?* [ ] Yes [ ] No ***Cooler Temp:*** 1.3 °C

> For sample shipping and delivery details, see Sample Receipt & Review form (SRR.)

Sample Collection Time Zone : [ ] Eastern [ ] Pacific [ ] Central [ ] Mountain [ ] Other:

1.) Chain of Custody Number = Client Determined

2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite

3.) Field Filtered: For liquid matrices, indicate with a **- Y -** for yes the sample was field filtered or **- N -** for sample was not field filtered.

4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **ML**=Misc Liquid, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal

5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B 7470A* - **1**).

6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

7.) **KNOWN OR POSSIBLE HAZARDS**

RCRA Metals
As = Arsenic **Hg**= Mercury
Ba = Barium **Se**= Selenium
Cd = Cadmium **Ag**= Silver
Cr = Chromium **MR**= Misc. RCRA metals
Pb = Lead

Characteristic Hazards
FL = Flammable/Ignitable
CO = Corrosive
RE = Reactive

TSCA Regulated
PCB = Polychlorinated biphenyls

Listed Waste
LW= Listed Waste
(F,K,P and U-listed wastes.)
Waste code(s):

Other
OT= Other / Unknown
(i.e.: High/low pH, asbestos, beryllium, irritants, other misc. health hazards, etc.)
Description:

Please provide any additional details below regarding handling and/or disposal concerns. *(i.e.: Origin of sample(s), type of site collected from, odd matrices, etc.)*

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: RVDE	SDG/AR/COC/Work Order: 771803	GEL PM:
Received By: MLS/ED	Date Received at GEL: 4-9-26	

Carrier (Circle Applicable)
FedEx Express FedEx Ground UPS (Field Services) Courier Client Other:

IR Temp gun # IR1-25 Daily Calibration Performed? (Y) N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
1	2				
2	3				
3	2				
4	1				
5	3				

Suspected Hazard Information	Yes	No	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
A)Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes___ No___
B) Did the client designate the samples are to be received as radioactive?		✓	COC notation or radioactive stickers on containers equal client designation.
C) Did the RSO classify the samples as radioactive?		✓	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): Ø CPM / uR/Hr Classified as: Rad 1 Rad 2 Rad 3
D) Are there any sample hazards to document?		✓	If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other:
E) Was a SDS received and reviewed by Lab Safety?		✓	Circle Applicable: See additional Comments below. No additional comments needed after review.

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2	Chain of custody documents included with shipment?	✓			Circle Applicable: Client contacted and provided COC COC created upon receipt
3	If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	✓			Preservation Method: (Wet Ice) Ice Packs Dry Ice None Other: *all temperatures recorded next to tracking numbers are in Celcius
4	Sample containers intact and sealed?	✓			Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#:
6	Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	✓			If Yes, are Encores or Soil Kits present? Yes ✓ No___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ✓ No___ NA___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes___ No___ NA ✓ Sample IDs and containers affected: LS-TB-040926
7	Samples received within holding time?	✓			IDs and tests affected:
8	Sample IDs on COC match IDs on bottles?	✓			IDs and containers affected:
9	Date & time on COC match date & time on bottles?	✓			Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10	Number of containers received match number indicated on COC?	✓			Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11	Are sample containers identifiable as GEL provided by use of GEL labels?	✓			
12	COC form is properly signed in relinquished/received sections?	✓			Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials CM Date 4/10/26

☐ Continuation Form Required when selected

List of current GEL Certifications as of 04 May 2026

State	Certification
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2025022
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2026-139
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122026-50
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

Technical Case Narrative
GEL Engineering, LLC
SDG #: 771803

GC/MS Volatile

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2981765

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803001	LS-TB-040926
771803002	LS-MW-04
771803004	LS-MW-22
771803006	LS-MW-22-DP
771803008	LS-SW-06
771803010	LS-SW-06-DP
1206443374	Laboratory Control Sample (LCS) **Batch 2981765**
1206443375	Laboratory Control Sample (LCS)
1206443376	Method Blank (MB)
1206443377	773323001(NonSDG) Matrix Spike (MS)
1206443378	773323001(NonSDG) Matrix Spike Duplicate (MSD)
1206443379	773323001(NonSDG) Matrix Spike (MS)
1206443380	773323001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples 771803001 (LS-TB-040926), 771803002 (LS-MW-04), 771803004 (LS-MW-22), 771803006 (LS-MW-22-DP), 771803008 (LS-SW-06) and 771803010 (LS-SW-06-DP) and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Product: **Volatile Organic Compounds (VOC) by Gas Chromatograph/Mass Spectrometer**
Analytical Method: SW846 8260D
Analytical Procedure: GL-OA-E-038 REV# 32
Analytical Batch: 2982825

Preparation Method: SW846 5035
Preparation Procedure: GL-OA-E-039 REV# 14

Preparation Batch: 2982824

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206445290	Laboratory Control Sample (LCS) **Batch 2982825**
1206445291	Laboratory Control Sample (LCS)
1206445292	Method Blank (MB)
1206445293	771803012(LS-SD-03) Matrix Spike (MS)
1206445294	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)
1206445295	High Blank (HB)
1206445430	771803012(LS-SD-03) Matrix Spike (MS)
1206445431	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

Continuing Calibration Verification Requirements
All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8260D for samples and the associated QC. However, the method allows for a designated number of outliers dependent on the requested analyte list. This SDG satisfied the 8260D outlier acceptance criteria. The results are reported.

Quality Control (QC) Information

Relative Percent Difference (RPD) Statement
The RPD between the matrix spike pair (See Below) were not all within the acceptance limits. However, the spike recoveries passed. The unacceptable RPD may be attributed to matrix interference and/or sample non-homogeneity.

Sample	Analyte	Value
1206445293MS and 1206445294MSD (LS-SD-03)	Bromomethane	RPD 67* (0%-20%)
1206445430MS and 1206445431MSD (LS-SD-03)	1, 4-Dioxane	RPD 61* (0%-20%)
	Trichlorotrifluoroethane	RPD 66* (0%-20%)

Technical Information

Sample Dilutions/Methanol Dilutions
Sample 771803012 (LS-SD-03) was analyzed employing a methanol dilution extraction procedure because the sample matrices were not amenable to more concentrated analyses.

Analyte	**771803012**
Several	50X

GC/MS Semivolatile

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3510C/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2977541

Preparation Method: SW846 3510C
Preparation Procedure: GL-OA-E-013 REV# 37
Preparation Batch: 2977540

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803004	LS-MW-22
771803006	LS-MW-22-DP
771803008	LS-SW-06
771803010	LS-SW-06-DP
1206435779	Method Blank (MB) **Batch 2977541**
1206435780	Laboratory Control Sample (LCS)
1206435783	771903001(NonSDG) Matrix Spike (MS)
1206435784	771903001(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Calibration Information

CCV Requirements

All Calibration Verification Standards (CCV) did not meet the acceptance criteria as outlined in Method 8270 for samples and the associated QC. One or more target analytes failed acceptance criteria with a positive bias. As there were no target analytes detected in the associated samples above the reporting limits, the data were reported.

Quality Control (QC) Information

Surrogate Recoveries
Sample (See Below) displayed failing surrogate recoveries. Because the recoveries were biased high and target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435784 (Non SDG 771903001MSD)	2-Fluorophenol	78* (15%-72%)

Sample (See Below) did not meet surrogate recovery criteria. The sample was re-extracted out of holding and displayed similar low, but passing surrogate recoveries. The failures were attributed to sample matrix interference and the initial data were reported.

Sample	Analyte	Value
771803006 (LS-MW-22-DP)	p-Terphenyl-d14	18* (20%-118%)

Laboratory Control Sample (LCS) Recovery
The LCS and/or LCSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435780 (LCS)	Benzaldehyde	25* (27%-111%)
	Hexachlorocyclopentadiene	30* (31%-64%)

Spike Recovery Statement
The MS or MSD (See Below) recovered spiked analytes outside of the established acceptance limits. Because the recoveries were biased high and the target analytes were not detected in the associated samples above the reporting limit, the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	4-Nitrophenol	96* (9%-95%)
1206435784 (Non SDG 771903001MSD)	Phenol	83* (16%-74%)
	m, p-Cresols	110* (21%-105%)

The MS and/or MSD (See Below) did not meet spike recovery acceptance criteria. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries and the data were reported.

Sample	Analyte	Value
1206435783 (Non SDG 771903001MS)	Benzaldehyde	0* (16%-109%)
1206435784 (Non SDG 771903001MSD)	Benzaldehyde	15* (16%-109%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD, (See Below), were not within the acceptance limits. The failures are known to be poor responding analytes as stated per the Method. This may account for the low recoveries which attributed to the RPD failures. The data were reported.

Sample	Analyte	Value
1206435783MS and 1206435784MSD (Non SDG 771903001)	Benzaldehyde	RPD 200* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all

reports and forms.

Product: **Analysis of Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry**
Analytical Method: SW846 3541/8270E
Analytical Procedure: GL-OA-E-009 REV# 53
Analytical Batch: 2978441

Preparation Method: SW846 3541
Preparation Procedure: GL-OA-E-066 REV# 11
Preparation Batch: 2978440

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206437200	Method Blank (MB) **Batch 2978441**
1206437201	Laboratory Control Sample (LCS)
1206437202	771803012(LS-SD-03) Matrix Spike (MS)
1206437203	771803012(LS-SD-03) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Surrogate Recoveries
The MS and MSD (See Below) did not meet surrogate recovery acceptance criteria. The parent sample met all surrogate recovery acceptance criteria, while the MS and MSD also displayed multiple spike recovery failures. The parent sample was re-extracted within holding but without a MS/MSD pair. The re-extraction did not meet surrogate recovery acceptance criteria. There were no target analytes detected in either extraction. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202 (LS-SD-03MS)	2, 4, 6-Tribromophenol	18* (20%-104%)
	2-Fluorobiphenyl	17* (20%-93%)
	p-Terphenyl-d14	20* (24%-107%)
1206437203 (LS-SD-03MSD)	2, 4, 6-Tribromophenol	12* (20%-104%)
	2-Fluorobiphenyl	10* (20%-93%)
	2-Fluorophenol	11* (19%-94%)
	Nitrobenzene-d5	10* (19%-90%)
	Phenol-d5	12* (20%-99%)
	p-Terphenyl-d14	14* (24%-107%)

Spike Recovery Statement
The MS and MSD (See Below) did not meet spike recovery acceptance criteria. The parent sample met all surrogate recovery acceptance criteria, while the MS and MSD also displayed multiple surrogate recovery failures. The parent sample was re-extracted within holding but without a MS/MSD pair. The re-extraction did not meet surrogate recovery acceptance criteria. There were no target analytes detected in either extraction. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202 (LS-SD-03MS)	2, 4-Dimethylphenol	13* (17%-73%)
	Benzaldehyde	0* (12%-103%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	Hexachloroethane	15* (16%-87%)
1206437203 (LS-SD-03MSD)	1, 1'-Biphenyl	12* (16%-112%)
	1, 2, 4, 5-Tetrachlorobenzene	10* (16%-106%)
	2, 3, 4, 6-Tetrachlorophenol	12* (15%-114%)
	2, 4, 5-Trichlorophenol	13* (16%-122%)
	2, 4, 6-Trichlorophenol	13* (16%-112%)
	2, 4-Dichlorophenol	12* (15%-112%)
	2, 4-Dimethylphenol	8* (17%-73%)
	2, 4-Dinitrotoluene	13* (15%-119%)
	2, 6-Dinitrotoluene	13* (14%-119%)
	2-Chloronaphthalene	12* (15%-108%)
	2-Chlorophenol	12* (17%-104%)
	2-Methyl-4, 6-dinitrophenol	8* (10%-120%)
	2-Methylnaphthalene	12* (16%-108%)
	2-Nitrophenol	10* (14%-107%)
	4-Bromophenylphenylether	14* (16%-122%)
	4-Chloro-3-methylphenol	14* (17%-116%)
	4-Chloroaniline	12* (16%-91%)
	4-Chlorophenylphenylether	14* (16%-120%)
	Acenaphthene	13* (15%-114%)
	Acenaphthylene	11* (16%-107%)
	Acetophenone	11* (16%-97%)
	Anthracene	15* (16%-119%)
	Benzaldehyde	0* (12%-103%)
	Chrysene	16* (17%-119%)
	Dibenzo(a, h)anthracene	15* (16%-120%)
	Dibenzofuran	13* (17%-114%)
	Diethylphthalate	15* (16%-124%)
	Dimethylphthalate	14* (16%-123%)

	Diphenylamine	15* (18%-116%)
	Fluoranthene	16* (17%-124%)
	Fluorene	13* (16%-119%)
	Hexachlorobenzene	14* (18%-117%)
	Hexachlorobutadiene	9* (15%-101%)
	Hexachlorocyclopentadiene	0* (16%-60%)
	Hexachloroethane	7* (16%-87%)
	Isophorone	11* (12%-116%)
	Naphthalene	11* (15%-105%)
	Nitrobenzene	12* (15%-105%)
	Phenol	13* (16%-107%)
	bis(2-Chloroethoxy)methane	12* (16%-105%)
	bis(2-Chloroethyl) ether	11* (14%-106%)
	m, p-Cresols	14* (17%-106%)
	m-Nitroaniline	14* (15%-103%)
	o-Cresol	12* (17%-104%)
	o-Nitroaniline	15* (16%-116%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between the MS and MSD,(See Below), were not within the acceptance limits. The failures may be attributed to possible matrix interference and/or sample non-homogeneity. The initial data were reported.

Sample	Analyte	Value
1206437202MS and 1206437203MSD (LS-SD-03)	1, 1'-Biphenyl	RPD 46* (0%-30%)
	1, 2, 4, 5-Tetrachlorobenzene	RPD 48* (0%-30%)
	2, 3, 4, 6-Tetrachlorophenol	RPD 32* (0%-30%)
	2, 4, 5-Trichlorophenol	RPD 34* (0%-30%)
	2, 4, 6-Trichlorophenol	RPD 37* (0%-30%)
	2, 4-Dichlorophenol	RPD 45* (0%-30%)
	2, 4-Dimethylphenol	RPD 46* (0%-30%)
	2, 4-Dinitrotoluene	RPD 36* (0%-30%)
	2, 6-Dinitrotoluene	RPD 38* (0%-30%)
	2-Chloronaphthalene	RPD 45* (0%-30%)

	2-Chlorophenol, 2-Methylnaphthalene	RPD 51* (0%-30%)
	2-Nitrophenol	RPD 52* (0%-30%)
	4-Bromophenylphenylether	RPD 35* (0%-30%)
	4-Chloro-3-methylphenol	RPD 38* (0%-30%)
	4-Chloroaniline	RPD 41* (0%-30%)
	4-Chlorophenylphenylether, 4-Nitrophenol	RPD 34* (0%-30%)
	Acenaphthene	RPD 40* (0%-30%)
	Acenaphthylene	RPD 43* (0%-30%)
	Acetophenone	RPD 51* (0%-30%)
	Anthracene	RPD 31* (0%-30%)
	Dibenzofuran	RPD 38* (0%-30%)
	Diethylphthalate	RPD 35* (0%-30%)
	Dimethylphthalate	RPD 36* (0%-30%)
	Diphenylamine	RPD 34* (0%-30%)
	Fluorene	RPD 38* (0%-30%)
	Hexachlorobenzene	RPD 32* (0%-30%)
	Hexachlorobutadiene	RPD 58* (0%-30%)
	Hexachloroethane	RPD 73* (0%-30%)
	Isophorone	RPD 49* (0%-30%)
	N-Nitrosodipropylamine	RPD 47* (0%-30%)
	Naphthalene	RPD 54* (0%-30%)
	Nitrobenzene	RPD 51* (0%-30%)
	Phenanthrene	RPD 31* (0%-30%)

	Phenol	RPD 44* (0%-30%)
	bis(2-Chloro-1-methylethyl)ether	RPD 55* (0%-30%)
	bis(2-Chloroethoxy)methane	RPD 48* (0%-30%)
	bis(2-Chloroethyl) ether	RPD 55* (0%-30%)
	m, p-Cresols	RPD 40* (0%-30%)
	m-Nitroaniline	RPD 35* (0%-30%)
	o-Cresol	RPD 46* (0%-30%)
	o-Nitroaniline	RPD 38* (0%-30%)
	p-Nitroaniline	RPD 31* (0%-30%)

Miscellaneous Information

Additional Comments
Diphenylamine Statement
Diphenylamine has superseded the reporting of N-Nitroso-diphenylamine. As per the EPA, N-Nitroso-diphenylamine decomposes in the gas chromatographic inlet and cannot be separated from Diphenylamine. Studies of these two compounds at GEL, both independent of each other and together, showed that they not only co-elute, but also have similar mass spectra. N-Nitroso-diphenylamine and Diphenylamine are therefore reported as Diphenylamine on all reports and forms.

GC Semivolatile Pesticide

Product: **Organochlorine Pesticides and Chlorinated Hydrocarbons**
Analytical Method: SW846 3535A/8081B
Analytical Procedure: GL-OA-E-041 REV# 26
Analytical Batch: 2979097

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2979095

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206438366	Method Blank (MB) **Batch 2979097**
1206438367	Laboratory Control Sample (LCS)
1206438368	Laboratory Control Sample Duplicate (LCSD)
1206438369	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Florisil
Florisil clean-up was not performed on samples in this batch.

GC Semivolatile PCB

Product: **Analysis of The Analysis of Polychlorinated Biphenyls by GC/ECD by ECD**
Analytical Method: SW846 3535A/8082A
Analytical Procedure: GL-OA-E-040 REV# 30
Analytical Batch: 2979246

Preparation Method: SW846 3535A
Preparation Procedure: GL-OA-E-070 REV# 15
Preparation Batch: 2979245

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206438586	Method Blank (MB) **Batch 2979246**
1206438587	Laboratory Control Sample (LCS)
1206438588	772714003(NonSDG) Matrix Spike (MS)
1206438589	772714003(NonSDG) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Technical Information

Preparation/Analytical Method Verification
Samples and the associated QC samples in this batch were cleaned using alumina in order to remove oil and other high molecular weight interferences.
Samples and QC in this batch were cleaned with activated copper in order to remove sulfur.

All reported analyte detections in client and quality control samples were within the established retention time windows. Reported analyte concentrations were confirmed on dissimilar columns.

Miscellaneous Information

Manual integrations

Samples (See Below) required manual integration to correctly position the baseline as set in the calibration standard injections.

Sample	Analyte	Value
1206438587 (LCS)	Aroclor-1016	Result 0.801ug/L
	Aroclor-1260	Result 0.832ug/L
1206438589 (Non SDG 772714003MSD)	4cmx	Result 0.287ug/L
	Aroclor-1016	Result 1.64ug/L
	Aroclor-1260	Result 1.52ug/L

Additional Comments
The column 1 has been chosen as the primary column. The data are reported from the column 1 for all samples in this batch.

Metals

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3005A/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2975549

Preparation Method: SW846 3005A
Preparation Procedure: GL-MA-E-006 REV# 15
Preparation Batch: 2975548

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered
771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206432302	Method Blank (MB)**ICP Batch 2975549**
1206432303	Laboratory Control Sample (LCS)
1206432307	771803002(LS-MW-04L) Serial Dilution (SD)
1206432304	771803002(LS-MW-04S) Matrix Spike (MS)
1206432305	771803002(LS-MW-04SD) Matrix Spike Duplicate (MSD)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the

following exceptions.

Quality Control (QC) Information

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations 25x the IDL/MDL for CVAA, 50X the IDL/MDL for ICP and 100X the IDL/MDL for ICP-MS analyses are applicable for serial dilution assessment. Not all the applicable analytes were within the established acceptance criteria. Matrix suppression may be suspected. The data has been qualified.

Sample	Analyte	Value
1206432307 (LS-MW-04SDILT)	Calcium	409 *(0%-20%)
	Magnesium	406 *(0%-20%)
	Sodium	404 *(0%-20%)

Technical Information

Sample Dilutions
Dilutions may be required for many reasons, including to minimize matrix interferences or to bring over range target analyte concentrations into the linear calibration range. Samples were diluted in order to bring raw values of calcium, iron and manganese within the linear range of the instrument, and for the analytes interfered with, in order to ensure that the inter-element correction factors were valid. 771803004 (LS-MW-22), 771803005 (LS-MW-22 Field Filtered), 771803006 (LS-MW-22-DP) and 771803007 (LS-MW-22-DP Field Filtered).

Analyte	771803			
	004	005	006	007
Aluminum	5X	5X	5X	5X
Antimony	5X	5X	5X	5X
Arsenic	5X	5X	5X	5X
Barium	5X	5X	5X	5X
Cadmium	5X	5X	5X	5X
Calcium	5X	5X	5X	5X
Chromium	5X	5X	5X	5X
Cobalt	5X	5X	5X	5X
Copper	5X	5X	5X	5X
Iron	5X	5X	5X	5X
Lead	5X	5X	5X	5X
Magnesium	5X	5X	5X	5X
Manganese	5X	5X	5X	5X
Nickel	5X	5X	5X	5X
Potassium	5X	5X	5X	5X
Selenium	5X	5X	5X	5X
Silver	5X	5X	5X	5X
Vanadium	5X	5X	5X	5X
Zinc	5X	5X	5X	5X

Product: **Determination of Metals by ICP**
Analytical Method: SW846 3050B/6010D
Analytical Procedure: GL-MA-E-013 REV# 35
Analytical Batch: 2975551

Preparation Method: SW846 3050B
Preparation Procedure: GL-MA-E-009 REV# 30
Preparation Batch: 2975550

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206432308	Method Blank (MB)**ICP Batch 2975551**
1206432309	Laboratory Control Sample (LCS)
1206432313	771803012(LS-SD-03L) Serial Dilution (SD)
1206432310	771803012(LS-SD-03S) Matrix Spike (MS)
1206432311	771803012(LS-SD-03SD) Matrix Spike Duplicate (MSD)
1206432312	771803012(LS-SD-03PS) Post Spike (PS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

Quality Control (QC) Information

Matrix Spike (MS/MSD) Recovery Statement
The percent recoveries (%R) obtained from the MS/MSD analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. The MS/MSD (See Below) did not meet the recommended quality control acceptance criteria for percent recoveries for the following applicable analyte. The post spike recovery was within the required control limits. This verifies the absence of a matrix interference in the post-spike digested sample. The recovery may be attributed to possible sample matrix interference and/or non-homogeneity.

Sample	Analyte	Value
1206432310 (LS-SD-03MS)	Magnesium	134* (75%-125%)

MS/MSD Relative Percent Difference (RPD) Statement
The RPD values between qualifying analyte results in the MS and MSD were not within the acceptance limits. Sample non-homogeneity and/or possible matrix interferences may be suspected.

Sample	Analyte	Value
1206432310MS and 1206432311MSD (LS-SD-03)	Aluminum	RPD 21* (0%-20%)
	Iron	RPD 26.3* (0%-20%)

Technical Information

Preparation/Analytical Method Verification

Method SW-846 3050B is not a total digestion technique for most samples. It is a very strong acid digestion that will dissolve almost all elements that could become environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7470A
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 2976537

Preparation Method: SW846 7470A Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2976533

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered
771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206434200	Method Blank (MB)**CVAA Batch 2976537**
1206434201	Laboratory Control Sample (LCS)
1206434202	771565001(NonSDGD) Sample Duplicate (DUP)
1206434203	771565001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Mercury Analysis Using the Perkin Elmer Automated Mercury Analyzer**
Analytical Method: SW846 7471B
Analytical Procedure: GL-MA-E-010 REV# 43
Analytical Batch: 2976729

Preparation Method: SW846 7471B Prep
Preparation Procedure: GL-MA-E-010 REV# 42
Preparation Batch: 2976726

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification

771803012	LS-SD-03
1206434453	Method Blank (MB)**CVAA Batch 2976729**
1206434454	Laboratory Control Sample (LCS)
1206434455	771854001(NonSDGD) Sample Duplicate (DUP)
1206434456	771854001(NonSDGS) Matrix Spike (MS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

General Chemistry

Product: **Cyanide, Total**
Analytical Method: SW846 9012B
Analytical Procedure: GL-GC-E-112 REV# 3
Analytical Batch: 2976226

Preparation Method: SW846 9010C Distillation
Preparation Procedure: GL-GC-E-067 REV# 26
Preparation Batch: 2976225

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
1206433487	Method Blank (MB) **Batch 2976226**
1206433488	Laboratory Control Sample (LCS)
1206433491	771808001(NonSDG) Sample Duplicate (DUP)
1206433492	771808001(NonSDG) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2975721

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803002	LS-MW-04
771803003	LS-MW-04 Field Filtered

771803004	LS-MW-22
771803005	LS-MW-22 Field Filtered
771803006	LS-MW-22-DP
771803007	LS-MW-22-DP Field Filtered
771803008	LS-SW-06
771803009	LS-SW-06 Field Filtered
771803010	LS-SW-06-DP
771803011	LS-SW-06-DP
1206432723	Method Blank (MB) **Batch 2975721**
1206432724	Laboratory Control Sample (LCS)
1206432725	771803002(LS-MW-04) Sample Duplicate (DUP)
1206432726	771803002(LS-MW-04) Matrix Spike (MS)
1206432727	771804009(LS-MW-16) Sample Duplicate (DUP)

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Product: **Hexavalent Chromium**
Analytical Method: SW846 7196A
Analytical Procedure: GL-GC-E-044 REV# 29
Analytical Batch: 2980165

Preparation Method: SW846 3060A
Preparation Procedure: GL-GC-E-044 REV# 29
Preparation Batch: 2980164

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206440368	Method Blank (MB) **Batch 2980165**
1206440369	Laboratory Control Sample (LCS)
1206440372	771638009(NonSDG) Sample Duplicate (DUP)
1206440373	771638009(NonSDG) Matrix Spike (MS)
1206440374	Insoluble Lab Control Sample (ILCS)

The samples in this SDG were analyzed on a "dry weight" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Radiochemistry

Product: **Dry Weight**

Preparation Method: ASTM D 2216 (Modified)
Preparation Procedure: GL-OA-E-020 REV# 14
Preparation Batch: 2975541

The following samples were analyzed using the above methods and analytical procedure(s).

GEL Sample ID#	Client Sample Identification
771803012	LS-SD-03
1206432284	771803012(LS-SD-03) Sample Duplicate (DUP) **Batch 2975541**

The samples in this SDG were analyzed on an "as received" basis.

Data Summary:

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

APPENDIX IV

LABORATORY DATA VALIDATION REPORTS

GEL Engineering LLC
2040 Savage Road Charleston, SC 29407 P 843.769.7378

Data Validation Report

Project/Site Name: Liberty Steel Property

Report Date: July 23, 2026

Laboratory: GEL Laboratories, LLC

Sample Delivery Group(s) (SDG): 766749, 766977, 767474, 767718, 767984, 768213, 768430, 769001, 769624, 769625, 770021, 771102, 771268, 771270, 771271, 771544, 771803, 771804, 772041, 778952, 779423, 779753, 780734

Validator: Mackenzie Flannigan

INTRODUCTION

This Data Validation Report (DVR) presents data validation findings and results for the samples in SDG 766749, 766977, 767474, 767718, 767984, 768213, 768430, 769001, 769624, 769625, 770021, 771102, 771268, 771270, 771271, 771544, 771803, 771804, 772041, 778952, 779423, 779753, and 780734. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (November 2020) and USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (November 2020). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience. All sample results were subjected to Level II data validation, which comprises an evaluation of quality control (QC) summary reports.

ANALYSIS SUMMARY

Groundwater, surface water, pore water, soil, and sediment samples were collected March 4, 2026 through June 8, 2026 by GEL Engineering, LLC. Samples were analyzed by GEL Laboratories, LLC for the parameters specified in Table 1. An explanation of the data qualifiers used in this report can be found in Table 2.

VALIDATION CRITERIA

I. Data Completeness Check

All data packages include the chain-of-custody (COC), laboratory case narrative, sample results, method blank report, laboratory control sample (LCS) data report, and matrix spike/matrix spike duplicate (MS/MSD) sample data report. The sample IDs, date and time sampled, and analyses requested on the COCs match those in the data reports.

II. Preservation and Holding Time

All the samples were preserved as required. All samples were extracted within holding times, however, samples 766749002, 766749013, and 766977010 were re-extracted for SVOC analysis out of holding due to QC failure. The data is qualified accordingly in the report.

III. Dilutions

There were dilutions performed on multiple compounds in multiple samples. Dilutions were performed for a variety of reasons such as to minimize matrix interference, to bring over range target analyte concentrations in to the linear calibration range, or the extract was very dark and/or viscous.

IV. Surrogates

Not all surrogate percent recoveries were within the QC acceptance limits. The compounds and samples that need to be flagged are listed in the table below. All results for the applicable analytical method for each sample receive a qualifier.

Failed Compound	Applicable Qualifier		Samples Requiring Qualification
	Detect	Non-detect	
2,4,6-Tribromophenol	JI	UJ	769001009
2,4,6-Tribromophenol	JI	UJ	769624012
2-Fluorophenol	JI	UJ	769624012
Decachlorobiphenyl	JI	UJ	769625007
p-Terphenyl-d14 2,4,6-Tribromophenol Phenol-d5 2-Fluorophenol	JI	UJ	769625011
Phenol-d5	JI	UJ	771268001
Phenol-d5	JI	UJ	771270001
p-Terphenyl-d14	JI	UJ	771803006
p-Terphenyl-d14	JI	UJ	771804005

p-Terphenyl-d14	Jl	UJ	771804007
2,4,6-Tribromophenol	Jl	UJ	778952002
Phenol-d5	Jl	UJ	780734005 780734007 780734013
p-Terphenyl-d14 Phenol-d5	Jl	UJ	780734009
Nitrobenzene-d5 2-Fluorobiphenyl p-Terphenyl-d14 Phenol-d5 2-Fluorophenol	Jl	UJ	780734011

V. Laboratory QC Analyses

All laboratory QC analyses were performed according to the analytical methods.

VI. Laboratory Control Sample

Not all LCS recoveries were within the QC acceptance limits. The compounds and samples that need to be flagged are listed in the table below. All results for the failed compound(s) within the associated analytical batch receive a qualifier.

Failed Compound	Applicable Qualifier		Samples Requiring Qualification
	Detect	Non-detect	
4-Nitrophenol Hexachlorocyclopentadiene	Jl	UJ	766749002 766749013
Benzaldehyde	Jl	UJ	767474002
Carbon disulfide	Jh	No Flags	767474001
Vinyl chloride	Jh	No Flags	767474003 767474006
2,4-Dimethylphenol Benzaldehyde Diethylphthalate Hexachlorocyclopentadiene m-Nitroaniline	Jl	UJ	767718002 767718003 767718004 767718005 767718006 767718007
Bromomethane Dichlorodifluoromethane	Jh	No Flags	767718001
Benzaldehyde	Jl	UJ	767984002 767984003 767984004

			767984005 767984006 767984007 767984008
1,1,2,2-Tetrachloroethane	Jh	No Flags	767984001
1,4-Dioxane	Jl	UJ	767984001
Benzaldehyde	Jl	UJ	768213008
1,4-Dioxane	Jl	UJ	768430001
1,1,2,2-Tetrachloroethane	Jh	No Flags	768430001
Benzaldehyde	Jl	UJ	769001002 769001003 769001004 769001005 769001006 769001007 769001008 769001010 769001011 769001012 769001013 769001014 769001015 769001016 769001017 769001018
1,4-Dioxane 2,4-Dinitrophenol 2-Methyl-4,6-dinitrophenol Benzaldehyde	Jl	UJ	769001009
Hexachlorocyclopentadiene	Jl	R	769001009
Benzaldehyde	Jl	UJ	769624001 769624002 769624003 769624004 769624005 769624006 769624007 769624009 769624010 769624012 769624013

			769624014 769624015 769624018 769624020 769624021
Benzaldehyde	Jl	UJ	769624008 769624016 769624017 769624019
Hexachlorocyclopentadiene	Jl	UJ	769625001 769625003 769625005 769625007 769625009 769625011
Aldrin	Jl	UJ	769625007
Benzaldehyde	Jl	UJ	770021004
Benzaldehyde	Jl	UJ	770021005 770021008 770021008 770021010
Benzaldehyde	Jl	UJ	770021012
Hexachlorocyclopentadiene	Jl	UJ	771102002
1,1'-Biphenyl 1,2,4,5-Tetrachlorobenzene 2,4-Dimethylphenol Hexachlorocyclopentadiene	Jl	UJ	771268007
Benzaldehyde Hexachlorocyclopentadiene	Jl	UJ	771544008 771544010
Vinyl chloride	Jh	No Flags	771544001 771544002 771544004 771544006 771544008 771544010
Benzaldehyde Hexachlorocyclopentadiene	Jl	UJ	771803002 771803004 771803006 771803008 771803010
Benzaldehyde Hexachlorocyclopentadiene	Jl	UJ	771804001

			771804003 771804005 771804007 771804009 771804011
Carbon disulfide Vinyl chloride	Jh	No Flags	778952001 778952006
4-Nitrophenol	Jl	UJ	778952006
Benzaldehyde	Jl	R	778952002 778952003 778952004 778952005
Carbon disulfide Vinyl chloride	Jh	No Flags	779423001
Benzaldehyde	Jl	R	779423002 779423003 779423004 779423006 779423007
Benzaldehyde	Jl	R	779423005
Benzaldehyde	Jl	R	779753010 779753011 779753012 779753013 779753014 779753015 779753016 779753017
Benzaldehyde	Jl	R	779753002 779753003 779753004 779753005 779753006 779753007 779753008 779753009
Hexachlorocyclopentadiene	Jl	UJ	779753002 779753003 779753004 779753005 779753006

			779753007 779753008 779753009
Bromomethane Vinyl chloride	Jh	No Flags	780734001 780734002 780734003 780734005 780734007 780734009 780734011 780734013
2, 4-Dimethylphenol Benzaldehyde Hexachlorocyclopentadiene	Jl	UJ	780734003 780734005 780734007 780734009 780734011 780734013

VII. Matrix Spike Analyses

Not all Matrix Spike (MS) compound results were within the QC acceptance limits. The compounds and samples that need to be flagged are listed in the table below. Only the results for the failed compound(s) in the sample selected for spiking receive a qualifier.

Failed Compound	Applicable Qualifier		Samples Requiring Qualification
	Detect	Non-detect	
Arsenic Thallium Copper Vanadium	Jl	UJ	767474002
Antimony Lead Magnesium Potassium Silver	Jh	No Flags	767474002
Sodium	Jl	R	767474002
Hexavalent Chromium	Jl	R	767474004
Benzaldehyde	Jl	UJ	767718006
Hexachlorocyclopentadiene	Jl	R	767718006
Calcium	Jl	R	767718002

Hexachlorocyclopentadiene	Jl	R	767984008
Lead	Jh	No Flags	767984002
Nickel Vanadium	Jl	UJ	767984002
Iron	Jl	R	768213002
Aluminum Selenium Vanadium	Jh	No Flags	768213008
Potassium	Jl	UJ	768213008
2, 4-Dinitrophenol	Jl	UJ	768430002
Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(ghi)perylene Benzo(k)fluoranthene Chrysene Indeno(1, 2, 3-cd)pyrene	Jh	No Flags	768430002
Hexachlorocyclopentadiene	Jl	R	768430002
Barium Copper Lead Magnesium Zinc	Jh	No Flags	768430002
Phenol 4-Nitrophenol	Jl	R	769001002
Hexachlorocyclopentadiene	Jl	UJ	769001002
Copper Zinc	Jl	UJ	769001002
Chromium Copper Zinc	Jh	No Flags	769001002
Hexachlorocyclopentadiene	Jl	R	769624002
Copper	Jl	R	769624002
Lead Nickel Vanadium	Jl	UJ	769624002
Arsenic Potassium	Jh	No Flags	769624002
Hexavalent Chromium	Jl	UJ	769624002 769624004
Iron	Jl	UJ	769625001
Hexavalent Chromium	Jh	No Flags	769625011

2, 4-Dinitrophenol 2-Methyl-4, 6-dinitrophenol Benzaldehyde Hexachlorocyclopentadiene	Jl	R	770021004
Barium Vanadium	Jl	UJ	770021002
Chromium Zinc	Jl	R	770021002
Hexavalent Chromium	Jl	UJ	770021002 770021004
Aluminum	Jh	No Flags	771102002
Aluminum Iron	Jh	No Flags	771268001
Hexavalent Chromium	Jl	UJ	771268001
1, 1'-Biphenyl 1, 2, 4, 5-Tetrachlorobenzene 2, 3, 4, 6-Tetrachlorophenol 2, 4, 5-Trichlorophenol 2, 4, 6-Trichlorophenol 2, 4-Dichlorophenol 2, 4-Dimethylphenol 2, 4-Dinitrotoluene 2, 6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Methyl-4, 6-dinitrophenol 2-Methylnaphthalene 2-Nitrophenol 4-Bromophenylphenylether 4-Chloro-3-methylphenol 4-Chloroaniline 4-Chlorophenylphenylether Acenaphthene Acenaphthylene Acetophenone Anthracene Chrysene Dibenzo(a, h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate	Jl	UJ	771803012

Diphenylamine Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Isophorone Naphthalene Nitrobenzene Phenol bis(2-Chloroethoxy)methane bis(2-Chloroethyl) ether m, p-Cresols m-Nitroaniline o-Cresol o-Nitroaniline			
Benzaldehyde Hexachlorocyclopentadiene	Jl	R	771803012
Magnesium	Jh	No Flags	771803012
Antimony Barium Cadmium Cobalt Lead Nickel Potassium Silver Sodium Vanadium	Jh	No Flags	778952002
Selenium	Jl	UJ	778952002
Hexachlorocyclopentadiene	Jl	R	779423003
Calcium	Jl	UJ	779423002
Fluoranthene Benzaldehyde Hexachlorocyclopentadiene	Jl	R	779753002
Pyrene	Jl	UJ	779753002
Barium Chromium Copper Lead Potassium	Jh	No Flags	779753002

Vanadium Zinc			
Cyanide, Total	Jh	No Flags	779753004
Hexavalent Chromium	Jl	UJ	779753005
Hexavalent Chromium	Jl	UJ	780734003

VIII. Matrix Spike Duplicate Analyses

Not all Matrix Spike Duplicates (MSD) met QC acceptance. Several RPD calculations for the compounds detected in the sample and duplicate were not within QC acceptance limit. Only the results for the failed compound(s) in the sample selected for spiking receive a qualifier.

Failed Compound	Applicable Qualifier		Samples Requiring Qualification
	Detect	Non-detect	
Antimony Arsenic Cobalt Lead Manganese Potassium Selenium Silver Thallium	J	UJ	767474002
2-Methyl-4, 6-dinitrophenol	J	UJ	767718006
Hexachlorobenzene	J	UJ	767984008
Cadmium Calcium	J	UJ	767984002
Selenium	J	UJ	768213008
2, 3, 4, 6-Tetrachlorophenol 2, 4-Dimethylphenol 2-Chloronaphthalene 4-Chloro-3-methylphenol 4-Nitrophenol Benzaldehyde Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(ghi)perylene Benzo(k)fluoranthene Chrysene Hexachlorobutadiene	J	UJ	768430002

Hexachlorocyclopentadiene Indeno(1, 2, 3-cd)pyrene Nitrobenzene Pentachlorophenol bis(2-Chloroethoxy)methane o-Nitroaniline p-Nitroaniline			
Barium Calcium Copper Manganese	J	UJ	768430002
1, 1'-Biphenyl 1, 2, 4, 5-Tetrachlorobenzene 1, 4-Dioxane 2, 3, 4, 6-Tetrachlorophenol 2, 4, 5-Trichlorophenol 2, 4, 6-Trichlorophenol 2, 4-Dichlorophenol 2, 4-Dimethylphenol 2, 4-Dinitrotoluene 2, 6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Methyl-4, 6-dinitrophenol 2-Methylnaphthalene 2-Nitrophenol 4-Bromophenylphenylether 4-Chloro-3-methylphenol 4-Chlorophenylphenylether Acenaphthene Acenaphthylene Acetophenone Anthracene Atrazine Benzaldehyde Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(ghi)perylene Benzo(k)fluoranthene Butylbenzylphthalate	J	UJ	769001002

Carbazole Chrysene Di-n-butylphthalate Di-n-octylphthalate Dibenzofuran Diethylphthalate Dimethylphthalate Diphenylamine Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Indeno(1, 2, 3-cd)pyrene Isophorone N-Nitrosodipropylamine Naphthalene Nitrobenzene Phenanthrene Pyrene bis(2-Chloro-1-methylethyl)ether bis(2-Chloroethoxy)methane bis(2-Chloroethyl) ether bis(2-Ethylhexyl)phthalate m, p-Cresols o-Cresol o-Nitroaniline p-Nitroaniline Phenol 4-Nitrophenol Hexachlorocyclopentadiene			
Chromium Copper Iron Lead Manganese Nickel Zinc	J	UJ	769001002
2, 4, 5-Trichlorophenol 2, 4, 6-Trichlorophenol 2-Nitrophenol	J	UJ	769624002

Iron Magnesium Manganese Zinc	J	UJ	769624002
2, 4-Dinitrophenol	J	UJ	770021004
Calcium Chromium Iron Magnesium Manganese Zinc	J	UJ	770021002
Bromomethane 1, 4-Dioxane Trichlorotrifluoroethane	J	UJ	771803012
1, 1'-Biphenyl 1, 2, 4, 5-Tetrachlorobenzene 2, 3, 4, 6-Tetrachlorophenol 2, 4, 5-Trichlorophenol 2, 4, 6-Trichlorophenol 2, 4-Dichlorophenol 2, 4-Dimethylphenol 2, 4-Dinitrotoluene 2, 6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Methylnaphthalene 2-Nitrophenol 4-Bromophenylphenylether 4-Chloro-3-methylphenol 4-Chloroaniline 4-Chlorophenylphenylether 4-Nitrophenol Acenaphthene Acenaphthylene Acetophenone Anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Diphenylamine Fluorene	J	UJ	771803012

Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Isophorone N-Nitrosodipropylamine Naphthalene Nitrobenzene Phenanthrene Phenol bis(2-Chloro-1-methylethyl)ether bis(2-Chloroethoxy)methane bis(2-Chloroethyl) ether m, p-Cresols m-Nitroaniline o-Cresol o-Nitroaniline p-Nitroaniline			
Aluminum Iron	J	UJ	771803012
Antimony Cadmium Calcium Cobalt Copper Lead Nickel Selenium Sodium Zinc	J	UJ	778952002
Aluminum Calcium Chromium Copper Iron Magnesium Manganese Vanadium Zinc	J	UJ	779753002

IX. Blanks

a. Equipment/Trip Blanks

Not all Equipment and Trip Blanks met QC acceptance. The compounds and samples that need to be flagged are listed in the table below. A detection that requires qualification is less than five times the concentration detected in the blank. For common VOC contaminants (acetone, 2-butanone (MEK), methylene chloride, or toluene), the detection requires qualification if it is less than ten times the concentration detected in the blank. The data qualifier applied is "Ub". All results for the failed compound(s) within the report receive a qualifier.

Failed Compound	Applicable Qualifier		Samples Requiring Qualification
	Detect	Non-detect	
Antimony Calcium Lead Sodium Chloroform	Ub	No Flags	766749002 766749003 766749004 766749005 766749006 766749007 766749008 766749009 766749011 766749012 766749013 766749014
1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	Ub	No Flags	767984004 767984006 767984008
Methylene Chloride	Ub	No Flags	770021003 770021006 770021007 770021009 770021011 770021013
Methylene chloride	Ub	No Flags	771803002 771803004 771803006 771803008 771803010 771803012
Barium Calcium Iron Sodium Chloroform	Ub	No Flags	778952002 778952003 778952004 778952005

Methylene Chloride			

b. Method Blanks

Not all Method Blanks (MB) met QC acceptance. The compounds and samples that need to be flagged are listed in the table below. To determine if a detection requires qualification, first divide by the dilution factor. If the result is less than five times the concentration detected in the MB, it requires qualification. For common VOC contaminants (acetone, 2-butanone (MEK), methylene chloride, or toluene), the result requires qualification if it is less than ten times the concentration detected in the MB. The data qualifier applied is "Ub". All results for the failed compound(s) within the associated analytical batch receive a qualifier.

Failed Compound	Applicable Qualifier		Samples Requiring Qualification
	Detect	Non-detect	
Di-n-butylphthalate	Ub	No Flags	766977002 766977004 766977006 766977008 766977010
Antimony	Ub	No Flags	767474002 767474003 767474004 767474005 767474006
Antimony Arsenic Selenium Sodium	Ub	No Flags	767718002 767718003 767718004 767718005 767718006 767718007
Antimony Sodium	Ub	No Flags	768213002 768213003 768213004 768213005 768213006 768213007
Zinc	Ub	No Flags	768213008
Di-n-butylphthalate	Ub	No Flags	768213002 768213003 768213004
Antimony	Ub	No Flags	768430002

			768430003 768430004 768430005 768430006 768430007 768430008 768430009 768430010 768430011 768430012 768430013 768430014 768430015 768430016
Zinc	Ub	No Flags	769001002 769001003 769001004 769001005 769001006 769001007 769001008 769001009 769001010 769001011 769001012 769001013 769001014 769001015 769001016 769001017 769001018
Selenium	Ub	No Flags	769624001 769624002 769624003 769624004 769624005 769624006 769624007 769624008 769624009 769624010

			769624012 769624013 769624014 769624015 769624016 769624017 769624018 769624019 769624020 769624021
Methylene Chloride	Ub	No Flags	769624011
Methylene Chloride	Ub	No Flags	769625001 769625003 769625005 769625007 769625009 769625011
Di-n-butylphthalate bis(2-Ethylhexyl)phthalate	Ub	No Flags	770021002 770021003 770021006 770021007 770021009 770021011 770021013
Chromium Lead	Ub	No Flags	771102002 771102003 771102004 771102005
Methylene Chloride	Ub	No Flags	771102001 771102002 771102004
Methylene chloride	Ub	No Flags	771268001 771268003 771268005 771268007
Methylene chloride	Ub	No Flags	771270001 771270003
Methylene chloride	Ub	No Flags	771271001 771271002 771271004
Potassium	Ub	No Flags	771544002

			771544003 771544004 771544005 771544006 771544007 771544008 771544009 771544010 771544011
Methylene Chloride	Ub	No Flags	771544001 771544002 771544004 771544006 771544008 771544010
Chromium Potassium	Ub	No Flags	771803002 771803003 771803004 771803005 771803006 771803007 771803008 771803009 771803010 771803011
Nickel Thallium	Ub	No Flags	771803012
Selenium	Ub	No Flags	771804001 771804002 771804003 771804004 771804005 771804006 771804007 771804008 771804009 771804010 771804011 771804012
Antimony Zinc	Ub	No Flags	778952002 778952003

			778952004 778952005

X. Field Duplicates

Not all Field Duplicates met QC acceptance. Several RPD calculations for the compounds detected in the sample and duplicate were not within QC acceptance limit. Only the results for the failed compound(s) in the original and duplicated samples receive a qualifier.

Failed Compound	Applicable Qualifier		Samples Requiring Qualification
	Detect	Non-detect	
Pyrene Fluoranthene	J	UJ	769625009 769625011
Fluoranthene	J	UJ	771544002 771544004
Selenium	J	UJ	771803004 771803006

Table 1. Summary of Samples and Analytical Parameters
Liberty Steel Property
Georgetown, South Carolina
VCC 25-8848-NRP

LOCATION ID/QUALITY CONTROL SAMPLE TYPE	SAMPLE LOCATION OR RATIONALE	SAMPLE TYPE	Number of Analyses									
			TCL VOCs*	TCL SVOCs	TAL Metals	Hexavalent Chromium	Dissolved TAL Metals	Dissolved Hexavalent Chromium	TCL PCBs	TCL Pest-icides	Cyanide	PFAS
SOIL /SEDIMENT												
LS-SB-01	Waste oil storage area adjacent to the mobile equipment shop	Surface and Subsurface Soil	1	2	2	2						
LS-SB-02	Mobile equipment shop, one near the location of the service pit	Surface and Subsurface Soil	1	2	2	2						
LS-SB-03		Surface and Subsurface Soil	1	2	2	2						
LS-SB-04	Western edge of the rolling mill -near substation	Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-05	Western edge of rolling mill - near fuel oil ASTs	Surface and Subsurface Soil	1	2	2	2						
LS-SB-06	Western Edge of the rolling mill -near the sump and covered subgrade structure	Surface and Subsurface Soil	1	2	2	2						
LS-SB-07	Baghouse and associated piping	Surface and Subsurface Soil	1	2	2	2						
LS-SB-08		Surface and Subsurface Soil	1	2	2	2						
LS-SB-09		Surface and Subsurface Soil	1	2	2	2						
LS-SB-10	Lime silo and associated sump	Surface and Subsurface Soil	1	2	2	2						
LS-SB-11		Surface and Subsurface Soil	1	2	2	2						
LS-SB-12	EAF and Ladle Furnace area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-13		Surface and Subsurface Soil	1	2	2	2						
LS-SB-14	Mold repair shop, one near the sump located behind the containment structure and	Surface and Subsurface Soil	1	2	2	2						
LS-SB-15	one near the sump beneath work area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-16	Western edge of the rolling mill near the transformer vault	Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-17	Rolling mill, with a preference for locations near the subgrade pit, scale pit, and Morgan oil cellar	Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-18		Surface and Subsurface Soil	1	2	2	2						
LS-SB-19		Surface and Subsurface Soil	1	2	2	2						
LS-SB-20		Surface and Subsurface Soil	1	2	2	2						
LS-SB-21		Surface and Subsurface Soil	1	2	2	2						
LS-SB-22	Coil compactor area, one located proximal to MW-23	Surface and Subsurface Soil	1	2	2	2						
LS-SB-23		Surface and Subsurface Soil	1	2	2	2						
LS-SB-24	WWTP and adjacent scale pit, crack in the sludge drying bed.	Surface and Subsurface Soil	1	2	2	2						
LS-SB-25		Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-26		Surface and Subsurface Soil	1	2	2	2						
LS-SB-27	Former Riverside Oil Company building	Surface and Subsurface Soil	1	2	2	2						
LS-SB-28	Gasoline AST with underground piping	Surface and Subsurface Soil	1	2	2	2						
LS-SB-29	Presumed background location	Surface and Subsurface Soil	1	2	2	2						
LS-SB-30	Former DRI plant area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-31		Surface and Subsurface Soil	1	2	2	2						
LS-SB-32		Surface and Subsurface Soil	1	2	2	2						
LS-SB-33		Surface and Subsurface Soil	1	2	2	2						
LS-SB-34	Scrap, scale, and slag storage area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-35		Surface and Subsurface Soil	1	2	2	2						
LS-SB-36		Surface and Subsurface Soil	1	2	2	2			2	2	2	
LS-SB-37		Surface and Subsurface Soil	1	2	2	2						
LS-SB-38		Surface and Subsurface Soil	1	2	2	2						
LS-SB-39	Sludge mixing pad to the northwest of the mold repair shop	Surface and Subsurface Soil	1	2	2	2						
LS-SB-40	Former Atlantic Coast Lumber maintenance shop	Surface and Subsurface Soil	1	2	2	2						
LS-SB-41	Rail spur on the southern portion of the Property	Surface and Subsurface Soil	1	2	2	2						
LS-SB-42		Surface and Subsurface Soil	1	2	2	2						
LS-SB-43	Former coil storage area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-44		Surface and Subsurface Soil	1	2	2	2						
LS-SB-45	Truck wash area	Surface and Subsurface Soil	1	2	2	2						
LS-SB-46	Southernmost Parcel	Surface and Subsurface Soil	1	2	2	2						
LS-SB-47		Surface and Subsurface Soil	1	2	2	2						
LS-SB-48		Surface and Subsurface Soil	1	2	2	2						
Field Duplicates	10 Soil Samples	Surface and Subsurface Soil	5	10	10	10			1	1	1	
LS-SD-01	Drum storage area near coil compactor	Sediment	1	1	1	1						
LS-SD-02	Downgradient area near former DRI plant	Sediment	1	1	1	1						
LS-SD-03	Bermed ponded area on southernmost parcel	Sediment	1	1	1	1						
Field Duplicate	One Sediment Sample	Sediment	1	1	1	1						
GROUNDWATER/SURFACE WATER/PORE WATER												
LS-MW-01	Downgradient of coil compactor area	Groundwater	1	1	1	1	1	1				
LS-TW-02	Near transformer vault- west edge of rolling mill - along Fraser Street	Groundwater	1	1	1	1	1	1	1	1	1	
LS-TW-03	Downgradient of EAF and Ladle Furnace Area	Groundwater	1	1	1	1	1	1				
LS-MW-04	Near service pit in mobile equipment shop	Groundwater	1	1	1	1	1	1	1	1	1	
LS-MW-05	Near waste oil storage area - south side of mobile equipment shop	Groundwater	1	1	1	1	1	1				
LS-TW-06	Northwest boundary of Property	Groundwater	1	1	1	1	1	1				
LS-TW-07	Near baghouse	Groundwater	1	1	1	1	1	1				
LS-TW-08	Near lime silo sump	Groundwater	1	1	1	1	1	1				
LS-TW-09	Northwest boundary of Property	Groundwater	1	1	1	1	1	1				
LS-TW-10	Near fuel oil ASTs along west edge of rolling mill - along Fraser Street	Groundwater	1	1	1	1	1	1				
LS-TW-11	Downgradient of subgrade pit in rolling mill	Groundwater	1	1	1	1	1	1				
LS-TW-12	Downgradient of Morgan oil cellar in rolling mill	Groundwater	1	1	1	1	1	1				
LS-TW-13	Near machine shop - west edge of rolling mill - along Fraser Street	Groundwater	1	1	1	1	1	1				
LS-MW-14	Near mold repair shop sump	Groundwater	1	1	1	1	1	1				
LS-TW-15	Southwest corner of Property near former Riverside Oil Company building	Groundwater	1	1	1	1	1	1				
LS-MW-16	Near truck wash area	Groundwater	1	1	1	1	1	1				
LS-MW-17	Eastern edge of Property	Groundwater	1	1	1	1	1	1				1
LS-MW-18	Former DRI plant area	Groundwater	1	1	1	1	1	1	1	1	1	
LS-MW-19		Groundwater	1	1	1	1	1	1				1
LS-MW-20	Eastern edge of Property	Groundwater	1	1	1	1	1	1				1
LS-MW-21	Southernmost Parcel	Groundwater	1	1	1	1	1	1				
LS-MW-22		Groundwater	1	1	1	1	1	1				
LS-MW-23	Former coil storage area	Groundwater	1	1	1	1	1	1				
LS-MW-24	Downgradient of WWTP	Groundwater	1	1	1	1	1	1	1	1	1	1
LS-MW-25	Near former Atlantic Coast Lumber maintenance building	Groundwater	1	1	1	1	1	1				
LS-MW-26	Presumed background location on Property west of South Fraser Street	Groundwater	1	1	1	1	1	1				
LS-MW-27	Eastern edge of Property near gasoline AST and underground piping	Groundwater	1	1	1	1	1	1				1
LS-MW-28 D	Deep well near presumed source of chlorinated VOC plume Coil Compactor Area	Groundwater	1									
MW-18	Existing Monitoring Wells - Near Coil Compactor Area	Groundwater	1	1	1	1	1	1				
MW-19		Groundwater	1	1	1	1	1	1				
MW-20		Groundwater	1	1	1	1	1	1				
MW-21		Groundwater	1	1	1	1	1	1				
MW-22		Groundwater	1	1	1	1	1	1				
MW-23		Groundwater	1	1	1	1	1	1				
MW-CA-1		Groundwater	1	1	1	1	1	1				
MW-CA-2		Groundwater	1	1	1	1	1	1				
MW-CA-3		Groundwater	1	1	1	1	1	1				
MW-CA-4		Groundwater	1	1	1	1	1	1				
Field Duplicates	4 Groundwater Samples	Groundwater	4	4	4	4	4	4	1	1	1	1
LS-SW-01	Drum storage area near coil compactor area	Surface Water	1	1	1	1	1	1				
LS-SW-02	Downstream accessible point on storm drain or effluent discharge pipes	Surface Water	1	1	1	1	1	1				
LS-SW-03		Surface Water	1	1	1	1	1	1				
LS-SW-04		Surface Water	1	1	1	1	1	1				
LS-SW-05	Downgradient area near former DRI plant	Surface Water	1	1	1	1	1	1				
LS-SW-06	Bermed ponded area on southernmost parcel	Surface Water	1	1	1	1	1	1				
Field Duplicate	One Surface Water Sample	Surface Water	1	1	1	1	1	1				
LS-PW-01	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
LS-PW-02	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
LS-PW-03	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
LS-PW-04	Intertidal Zone of Sampit River	Pore Water	1	1	1	1	1	1				1
Field Duplicate	One Pore Water Sample	Pore Water	1	1	1	1	1	1				1
Field Equipment Blank	Soil sampling equipment rinsate	Laboratory-provided deionized water	1	1	1	1						
Field Equipment Blank	Groundwater sampling equipment rinsate	Laboratory-provided deionized water	1	1	1	1						
Trip Blank	Assesses field and laboratory accuracy; One per shipment containing samples for VOC	Laboratory-provided deionized water	1									

* VOC analyses will not be conducted on surface soil samples.
PCBs = Polychlorinated biphenyls
TAL Metals = Target Analyte List Metals
TCL = EPA Target Compound List
SVOCs = Semivolatile organic compounds
VOCs = Volatile organic compounds
PFAS = Perfluorinated Alkyl Acids
Dissolved metals analysis conducted on field filtered groundwater samples.

Table 2. Explanation of Data Qualifiers

Liberty Steel Property

Georgetown, South Carolina

VCC 25-8848-NRP

Data Flag	Data Qualifier Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Jh	The reported concentration is approximate and probably biased towards higher values than the actual concentration of the analyte in the sample.
Jl	The reported concentration is approximate and probably biased towards lower values than the actual concentration of the analyte in the sample.
Jr	The analyte was positively identified above the method detection limit, but the reported numerical value is approximate because the detected concentration is below the practical quantitation limit.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
Ub	The sample result is qualitatively suspect because the analyte was detected in a field and/or laboratory blank at a similar level.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.